



LOCATE WELL CORRECTLY

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DEC-7 1964

Form approved.
Budget Bureau No. 42-R355.4.

U. S. LAND OFFICE Colorado
SERIAL NUMBER 7362
LEASE OR PERMIT TO PROSPECT _____

OIL & GAS
CONSERVATION COMMISSION

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Midwest Oil Corporation Address 1700 Broadway, Denver 2, Colorado
Lessor or Tract Southland Royalty Federal Field Wildcat State Colorado
Well No. 1 Sec. 20 T. 9N R. 78W Meridian 6 County Jackson
Location 3300 ft. [N] of N Line and 660 ft. [W] of E Line of Sec. 20 Elevation 8294
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed [Signature]

Date 11-24-64 Title District Supt.

The summary on this page is for the condition of the well at above date.

Commenced drilling 9-21, 1964 Finished drilling 11-13, 1964

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6140 to 6176 G No. 4, from _____ to _____
No. 2, from _____ to (CO2) No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8	24	8rd		367	guide				Surface
7	20	8rd		2000	guide				Surface
4-1/2	10.5	8rd	GF&I	6247	guide		6140	6160	Prod.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	377	225	Halli.		
7	2000	200	Halli.		
4-1/2	6247	150	Halli.	10	

MARK

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
 Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 6243 feet, and from 6243 feet to 6243 feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing D&A _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment.

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Signal Drlg. _____, Driller _____

Jack Goostres _____, Foreman - Midwest _____, Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
5888	6040	52	Muddy Cored Hd & tite
6073	6109	36	Dakota Cored Hd & tite
6140	6176	36	Lakota Cored 6143-75 low perms, low porosity, 25% oil sat, 30-40% water sat. in better perms. DSTs 5 & 6 in Lakota successful. #5 6154-76 Open 30 min, shut in 1 hr. GTS 4 min. 113 mcf. If 150, FF 160, SI 922, Rec 90' gcm, 90' g&Ocm, 130' ocm. #6 6152-89 Open 2 hrs. shut in 1 hr. S.B. GTS 3 min. 125 mcf, Dec to 39 mcf. Rec 180' ocm, 383' o&gcw. ISI 1115, FSI 874, If 179, FF 220. 11-17-64 Perf 6140-60 1 sh/ft 52 grm jets. Swb dry 500 gal BDA-max press. 3600 psi, 7 bbl/min. Swb back load only. Show CO ₂ gas. 11-18-64 F.L. 4000' Swb down rec load after acid show CO ₂ . Frac 10,000 gal Black Gold, 8000# 20-40. final 1#/gal. Initial 3800-3600 psi, final 4000 psi - 2 hrs 15 min on vac. Ave. rate 11 bbl/min.
FROM—	TO—	TOTAL FEET	FORMATION

FORMATION IN _____ (OVER) _____

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
			<p>11-19-64 4000 F.L. S.D. Start kick @ 5500' final rate 10 bbl/hr from 5700'</p> <p>11-20-64 375# cp. Unit broke down.</p> <p>11-21-64 3800' F.L. 140# cp. S.D. 62 bbl. hourly 18, 12, 10, 5, 2.5, 1.67, 25% saltwater. No new oil</p> <p>11-22-64 S.D. 5 bbl. cp 500# Rec. 21.67 total fluid. 11.69 bbls salt water, 10 bbls fluid</p> <p>11-23-64 S.D. 12 bbls, rec 18 bbls fluid, 10 bbls water (saltwater)</p> <p>11-24-64 8.35 bbls on swab down, 42% water, hourly .83 bbl, 64% water, .83-bbl, 64% water. Temporarily Abandoned.</p>
2000	9140	30	
2010	9200	30	
2020	9260	25	
2030	9320	25	
2040	9380	25	
2050	9440	25	
2060	9500	25	
2070	9560	25	
2080	9620	25	
2090	9680	25	
2100	9740	25	
2110	9800	25	
2120	9860	25	
2130	9920	25	
2140	9980	25	
2150	10040	25	
2160	10100	25	
2170	10160	25	
2180	10220	25	
2190	10280	25	
2200	10340	25	
2210	10400	25	
2220	10460	25	
2230	10520	25	
2240	10580	25	
2250	10640	25	
2260	10700	25	
2270	10760	25	
2280	10820	25	
2290	10880	25	
2300	10940	25	
2310	11000	25	
2320	11060	25	
2330	11120	25	
2340	11180	25	
2350	11240	25	
2360	11300	25	
2370	11360	25	
2380	11420	25	
2390	11480	25	
2400	11540	25	
2410	11600	25	
2420	11660	25	
2430	11720	25	
2440	11780	25	
2450	11840	25	
2460	11900	25	
2470	11960	25	
2480	12020	25	
2490	12080	25	
2500	12140	25	
2510	12200	25	
2520	12260	25	
2530	12320	25	
2540	12380	25	
2550	12440	25	
2560	12500	25	
2570	12560	25	
2580	12620	25	
2590	12680	25	
2600	12740	25	
2610	12800	25	
2620	12860	25	
2630	12920	25	
2640	12980	25	
2650	13040	25	
2660	13100	25	
2670	13160	25	
2680	13220	25	
2690	13280	25	
2700	13340	25	
2710	13400	25	
2720	13460	25	
2730	13520	25	
2740	13580	25	
2750	13640	25	
2760	13700	25	
2770	13760	25	
2780	13820	25	
2790	13880	25	
2800	13940	25	
2810	14000	25	
2820	14060	25	
2830	14120	25	
2840	14180	25	
2850	14240	25	
2860	14300	25	
2870	14360	25	
2880	14420	25	
2890	14480	25	
2900	14540	25	
2910	14600	25	
2920	14660	25	
2930	14720	25	
2940	14780	25	
2950	14840	25	
2960	14900	25	
2970	14960	25	
2980	15020	25	
2990	15080	25	
3000	15140	25	
3010	15200	25	
3020	15260	25	
3030	15320	25	
3040	15380	25	
3050	15440	25	
3060	15500	25	
3070	15560	25	
3080	15620	25	
3090	15680	25	
3100	15740	25	
3110	15800	25	
3120	15860	25	
3130	15920	25	
3140	15980	25	
3150	16040	25	
3160	16100	25	
3170	16160	25	
3180	16220	25	
3190	16280	25	
3200	16340	25	
3210	16400	25	
3220	16460	25	
3230	16520	25	
3240	16580	25	
3250	16640	25	
3260	16700	25	
3270	16760	25	
3280	16820	25	
3290	16880	25	
3300	16940	25	
3310	17000	25	
3320	17060	25	
3330	17120	25	
3340	17180	25	
3350	17240	25	
3360	17300	25	
3370	17360	25	
3380	17420	25	
3390	17480	25	
3400	17540	25	
3410	17600	25	
3420	17660	25	
3430	17720	25	
3440	17780	25	
3450	17840	25	
3460	17900	25	
3470	17960	25	
3480	18020	25	
3490	18080	25	
3500	18140	25	
3510	18200	25	
3520	18260	25	
3530	18320	25	
3540	18380	25	
3550	18440	25	
3560	18500	25	
3570	18560	25	
3580	18620	25	
3590	18680	25	
3600	18740	25	
3610	18800	25	
3620	18860	25	
3630	18920	25	
3640	18980	25	
3650	19040	25	
3660	19100	25	
3670	19160	25	
3680	19220	25	
3690	19280	25	
3700	19340	25	
3710	19400	25	
3720	19460	25	
3730	19520	25	
3740	19580	25	
3750	19640	25	
3760	19700	25	
3770	19760	25	
3780	19820	25	
3790	19880	25	
3800	19940	25	
3810	20000	25	
3820	20060	25	
3830	20120	25	
3840	20180	25	
3850	20240	25	
3860	20300	25	
3870	20360	25	
3880	20420	25	
3890	20480	25	
3900	20540	25	
3910	20600	25	
3920	20660	25	
3930	20720	25	
3940	20780	25	
3950	20840	25	
3960	20900	25	
3970	20960	25	
3980	21020	25	
3990	21080	25	
4000	21140	25	
4010	21200	25	
4020	21260	25	
4030	21320	25	
4040	21380	25	
4050	21440	25	
4060	21500	25	
4070	21560	25	
4080	21620	25	
4090	21680	25	
4100	21740	25	
4110	21800	25	
4120	21860	25	
4130	21920	25	
4140	21980	25	
4150	22040	25	
4160	22100	25	
4170	22160	25	
4180	22220	25	
4190	22280	25	
4200	22340	25	
4210	22400	25	
4220	22460	25	
4230	22520	25	
4240	22580	25	
4250	22640	25	
4260	22700	25	
4270	22760	25	
4280	22820	25	
4290	22880	25	
4300	22940	25	
4310	23000	25	
4320	23060	25	
4330	23120	25	
4340	23180	25	
4350	23240	25	
4360	23300	25	
4370	23360	25	
4380	23420	25	
4390	23480	25	
4400	23540	25	
4410	23600	25	
4420	23660	25	
4430	23720	25	
4440	23780	25	
4450	23840	25	
4460	23900	25	
4470	23960	25	
4480	24020	25	
4490	24080	25	
4500	24140	25	
4510	24200	25	
4520	24260	25	
4530	24320	25	
4540	24380	25	
4550	24440	25	
4560	24500	25	
4570	24560	25	
4580	24620	25	
4590	24680	25	
4600	24740	25	
4610	24800	25	
4620	24860	25	
4630	24920	25	
4640	24980	25	
4650	25040	25	
4660	25100	25	
4670	25160	25	
4680	25220	25	
4690	25280	25	
4700	25340	25	
4710	25400	25	
4720	25460	25	
4730	25520	25	
4740	25580	25	
4750	25640	25	
4760	25700	25	
4770	25760	25	
4780	25820	25	
4790	25880	25	
4800	25940	25	
4810	26000	25	
4820	26060	25	
4830	26120	25	
4840	26180	25	
4850	26240	25	
4860	26300	25	
4870	26360	25	
4880	26420	25	
4890	26480	25	
4900	26540	25	
4910	26600	25	
4920	26660	25	
4930	26720	25	
4940	26780	25	
4950	26840	25	
4960	26900	25	
4970	26960	25	
4980	27020	25	
4990	27080	25	
5000	27140	25	
5010	27200	25	
5020	27260	25	
5030	27320	25	
5040	27380	25	
5050	27440	25	
5060	27500	25	
5070	27560	25	
5080	27620	25	
5090	27680	25	
5100	27740	25	
5110	27800	25	
5120	27860	25	
5130	27920	25	
5140	27980	25	
5150	28040	25	
5160	28100	25	
5170	28160	25	
5180	28220	25	
5190	28280	25	
5200	28340	25	
5210	28400	25	
5220	28460	25	
5230	28520	25	
5240	28580	25	
5250	28640	25	
5260	28700	25	
5270	28760	25	
5280	28820	25	
5290	28880	25	
5300	28940	25	
5310	29000	25	

NAME OF WELL		NO. OF WELL		DATE OF WELL	
NAME OF OPERATOR		NO. OF OPERATOR		DATE OF OPERATOR	
NAME OF LOCATION		NO. OF LOCATION		DATE OF LOCATION	
NAME OF STATE		NO. OF STATE		DATE OF STATE	
NAME OF COUNTY		NO. OF COUNTY		DATE OF COUNTY	
NAME OF TOWNSHIP		NO. OF TOWNSHIP		DATE OF TOWNSHIP	
NAME OF SECTION		NO. OF SECTION		DATE OF SECTION	
NAME OF RANGE		NO. OF RANGE		DATE OF RANGE	
NAME OF MERIDIAN		NO. OF MERIDIAN		DATE OF MERIDIAN	
NAME OF NEARBY TOWN		NO. OF NEARBY TOWN		DATE OF NEARBY TOWN	
NAME OF NEARBY RIVER		NO. OF NEARBY RIVER		DATE OF NEARBY RIVER	
NAME OF NEARBY ROAD		NO. OF NEARBY ROAD		DATE OF NEARBY ROAD	
NAME OF NEARBY FARM		NO. OF NEARBY FARM		DATE OF NEARBY FARM	
NAME OF NEARBY CHURCH		NO. OF NEARBY CHURCH		DATE OF NEARBY CHURCH	
NAME OF NEARBY SCHOOL		NO. OF NEARBY SCHOOL		DATE OF NEARBY SCHOOL	
NAME OF NEARBY POST OFFICE		NO. OF NEARBY POST OFFICE		DATE OF NEARBY POST OFFICE	
NAME OF NEARBY RAILROAD		NO. OF NEARBY RAILROAD		DATE OF NEARBY RAILROAD	
NAME OF NEARBY BRIDGE		NO. OF NEARBY BRIDGE		DATE OF NEARBY BRIDGE	
NAME OF NEARBY DAM		NO. OF NEARBY DAM		DATE OF NEARBY DAM	
NAME OF NEARBY MILL		NO. OF NEARBY MILL		DATE OF NEARBY MILL	
NAME OF NEARBY FACTORY		NO. OF NEARBY FACTORY		DATE OF NEARBY FACTORY	
NAME OF NEARBY STORE		NO. OF NEARBY STORE		DATE OF NEARBY STORE	
NAME OF NEARBY BAR		NO. OF NEARBY BAR		DATE OF NEARBY BAR	
NAME OF NEARBY RESTAURANT		NO. OF NEARBY RESTAURANT		DATE OF NEARBY RESTAURANT	
NAME OF NEARBY HOTEL		NO. OF NEARBY HOTEL		DATE OF NEARBY HOTEL	
NAME OF NEARBY MOTEL		NO. OF NEARBY MOTEL		DATE OF NEARBY MOTEL	
NAME OF NEARBY CAMP		NO. OF NEARBY CAMP		DATE OF NEARBY CAMP	
NAME OF NEARBY PARK		NO. OF NEARBY PARK		DATE OF NEARBY PARK	
NAME OF NEARBY GARDEN		NO. OF NEARBY GARDEN		DATE OF NEARBY GARDEN	
NAME OF NEARBY LAKE		NO. OF NEARBY LAKE		DATE OF NEARBY LAKE	
NAME OF NEARBY RIVER		NO. OF NEARBY RIVER		DATE OF NEARBY RIVER	
NAME OF NEARBY STREAM		NO. OF NEARBY STREAM		DATE OF NEARBY STREAM	
NAME OF NEARBY CREEK		NO. OF NEARBY CREEK		DATE OF NEARBY CREEK	
NAME OF NEARBY POND		NO. OF NEARBY POND		DATE OF NEARBY POND	
NAME OF NEARBY SWAMP		NO. OF NEARBY SWAMP		DATE OF NEARBY SWAMP	
NAME OF NEARBY MOUNTAIN		NO. OF NEARBY MOUNTAIN		DATE OF NEARBY MOUNTAIN	
NAME OF NEARBY HILL		NO. OF NEARBY HILL		DATE OF NEARBY HILL	
NAME OF NEARBY VALLEY		NO. OF NEARBY VALLEY		DATE OF NEARBY VALLEY	
NAME OF NEARBY PLAIN		NO. OF NEARBY PLAIN		DATE OF NEARBY PLAIN	
NAME OF NEARBY DESERT		NO. OF NEARBY DESERT		DATE OF NEARBY DESERT	
NAME OF NEARBY TOWN		NO. OF NEARBY TOWN		DATE OF NEARBY TOWN	
NAME OF NEARBY VILLAGE		NO. OF NEARBY VILLAGE		DATE OF NEARBY VILLAGE	
NAME OF NEARBY HAMLET		NO. OF NEARBY HAMLET		DATE OF NEARBY HAMLET	
NAME OF NEARBY COUNTRY		NO. OF NEARBY COUNTRY		DATE OF NEARBY COUNTRY	
NAME OF NEARBY STATE		NO. OF NEARBY STATE		DATE OF NEARBY STATE	
NAME OF NEARBY NATION		NO. OF NEARBY NATION		DATE OF NEARBY NATION	
NAME OF NEARBY CONTINENT		NO. OF NEARBY CONTINENT		DATE OF NEARBY CONTINENT	
NAME OF NEARBY WORLD		NO. OF NEARBY WORLD		DATE OF NEARBY WORLD	

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

DATE	REASON	WORK DONE	RESULTS
1900	Well still has 120 bbls load oil to be recovered. Only recovery has been CO2 gas and saltwater.		
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REASON FOR WORK DONE

DATE	REASON	WORK DONE	RESULTS
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DATE OF WORK DONE

DATE	REASON	WORK DONE	RESULTS
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