



STATE OF COLORADO
OIL AND GAS CONSERVATION COMMISSION
DEPARTMENT OF NATURAL RESOURCES

RECEIVED

PRODUCER'S CERTIFICATE OF CLEARANCE AND AUTHORIZATION
TO TRANSPORT OIL OR GAS FROM A WELL

JUN 28 1984

File in triplicate for Patented and Federal lands.
File in quadruplicate for State lands.

COLORADO OIL & GAS CONSERVATION COMMISSION

Lease Dunning Well No. #3-44 Field Spruce

Loc. SESE $\frac{1}{4}$ $\frac{1}{4}$ Sec. 3 Twp. 8N Range 56W County Weld

Producing Formation "J" Sand

Producer or Operator Wintershall Oil and Gas Corporation 97100 Phone No. (303) 694-0988
5675 DTC Blvd.,

Street Ste. 200 City Englewood, State Colorado Zip 80111

The above named producer hereby authorizes the following transporter (s) to transport oil and/or gas from the above designated well:

OIL

GAS

Transporter _____

Transporter K-NEnergy

Street _____

Street P.O. Box 156265

City _____

City Lakewood,

State _____ Zip _____

State Colorado Zip 80215

Date of First Production _____

Date of First Sales 6/9/83

WRS	
FJP	
HHM	
LAN	
BCC	
LAR	
JGM	

If change of Operator:
Previous Operator Tricentrol Resources Inc. Effective date of change 6/22/84

REMARKS _____

NEW WELL TEST DATA

Production gauge on 24 hr. basis _____ Bbl. Oil _____ Bbl. Water _____ Mcf. Gas _____

The undersigned certifies that the rules and regulations of the Oil and Gas Conservation Commission of the State of Colorado have been complied with except as noted above and that the transporter (s) is (are) authorized to transport the oil and/or gas produced from the above described well and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Colorado Oil and Gas Conservation Commission.

cc: K-NEnergy

Executed this 27th day of June, 19 84.

Approved: _____
Date JUN 11 1984

Director William R. Smith

WINTERSHALL OIL AND GAS CORPORATION
(Producer or Operator)
David P. Howell Operations Mgr.
(Affiant) (Title)

HALLIBURTON SERVICES JOB SUMMARY

FORM 2025

DIVISION
HALLIBURTON
LOCATION

Farmincton

RECEIVED
BILLED ON
TICKET NO. 146508
MAR 4 1983

WELL DATA

FIELD _____ SEC. _____ TWP. _____ RNG. _____ COUNTY Dolores STATE Colorado

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH 1405

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	24	8 5/8	0	1405	1500
LINER						
TUBING						
OPEN HOLE			12 7/8			SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>S.S.</u>	<u>1</u>	
FLOAT SHOE		
GUIDE SHOE	<u>1</u>	
CENTRALIZERS	<u>5</u>	
BOTTOM PLUG		
TOP PLUG <u>Rubber</u>	<u>1</u>	<u>Howco</u>
HEAD	<u>1</u>	
PACKER		
OTHER		

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>12-31-82</u>	DATE <u>1-1-83</u>	DATE <u>1-1-83</u>	DATE <u>1-1-83</u>
TIME <u>1515</u>	TIME <u>0430</u>	TIME <u>0714</u>	TIME <u>0244</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>M. Ulrich</u>	<u>CMTR</u>	<u>Farmincton</u>
<u>B. Eberhard</u>	<u>FOOT</u>	
<u>D. Mills</u>	<u>CEO</u>	
<u>R. Marquis</u>	<u>BMEO</u>	
<u>P. Sheets</u>	<u>EMEO</u>	
	<u>PMEO</u>	

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. API _____

DISPL. FLUID H₂O DENSITY 0.33 LB/GAL. API _____

PROP. TYPE _____ SIZE _____ LB. _____

ACID TYPE _____ GAL. _____ % _____

SURFACTANT TYPE _____ GAL. _____ IN _____

NE AGENT TYPE _____ GAL. _____ IN _____

FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN _____

GELLING AGENT TYPE _____ GAL.-LB. _____ IN _____

FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN _____

BREAKER TYPE _____ GAL.-LB. _____ IN _____

BLOCKING AGENT TYPE _____ GAL.-LB. _____

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

DEPARTMENT Cement

DESCRIPTION OF JOB 8 5/8 surface

JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE X

HALLIBURTON OPERATOR M. Ulrich COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>650</u>	<u>Portland</u>	<u>B</u>	<u>Ideal</u>		<u>2% C.C., 1/2% +10-cate., 10% gel</u>	<u>1.38</u>	<u>14.7</u>
	<u>200</u>					<u>2% C.C.</u>	<u>1.18</u>	<u>15.6</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT 200 PRESLUSH: BBL.-GAL. _____ TYPE _____

BREAKDOWN _____ MAXIMUM 900 LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. 10

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 87

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY: BBL.-GAL. 201

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. 298

ORDERED _____ AVAILABLE _____ USED _____ REMARKS Sec Job log

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 39' REASON S.I.J.

CUSTOMER

CUSTOMER: Central Oil Lease Name: Federal Well No. 2-114 Job Type: 2 1/2" surface