

State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303)894-2100 Fax:(303)894-217



FOR OGCC USE ONLY

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NOV 12 04

19930038  
Plugging Bond Surety ID#

APPLICATION FOR PERMIT TO:

1.  Drill,  Deepen,  Re-enter,  Recomplete and Operate

2. TYPE OF WELL  
OIL  GAS  COALBED  OTHER: \_\_\_\_\_  
SINGLE ZONE  MULTIPLE ZONES  COMMINGLE ZONES

Rerilling   
Sidetrack

Complete the

3. OGCC Operator Number: 22755 4. Name of Operator: EDWARD MIREDAVIS, LLC  
5. Address: 730-17th STREET, SUITE 450 APD Orig & 1 Copy   
City: DENVER State: CO Zip: 80202 Form 2A   
6. Contact Name: E. KEVIN BEACOM Phone: 720-946-6700 Fax: 720-946-6801 Well location plat   
7. Well Name: JOHNSON Well Number: 32-20 Topo map   
8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_ Mineral lease map   
9. Proposed Total Depth: 4400' Surface agrmt/Surety

10. QtrQtr: SWNE Sec: 20 Twp: 35 Rng: SOW Meridian: 6th PM  
Footage from Exterior Section Lines: \_\_\_\_\_  
At Surface: 1470' FNL & 2175' FEL  
11. Field Name: Dorado Field Number: 17400  
12. Ground Elevation: 4547' 13. County: WASHINGTON  
30 Day notice letter   
Deviated Drilling Plan   
Exception Loc Request   
Exception Loc Waivers   
H2S Contingency Plan   
Federal Drilling Permit

14. If well is:  Directional  Horizontal (highly deviated), submit deviated drilling plan.  
Footage from Exterior Section Lines and Sec Twp Rng: \_\_\_\_\_  
At Top of Production Zone: \_\_\_\_\_ At Bottom Hole: \_\_\_\_\_

15. Is location in a high density area (Rule 603b)?  Yes  No  
16. Distance to the nearest building, public road, above ground utility or railroad: 1470'  
17. Distance to Nearest Property Line: 1170' 18. Distance to nearest well completed in the same formation: Approx. 2 miles

LEASE, SPACING AND POOLING INFORMATION

Objective Formation(s)	Formation Code	Spacing Order Number (s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
<u>D SAND</u>	<u>DSND</u>			
<u>J SAND</u>	<u>JSND</u>			

20. Mineral Ownership:  Fee  State  Federal  Indian Lease # \_\_\_\_\_  
21. Surface Ownership:  Fee  State  Federal  Indian  
22. Is the Surface Owner also the Mineral Owner?  Yes  No Surface Surety ID# \_\_\_\_\_  
If No:  Surface Owners Agreement Attached or  \$25,000 Blanket Surface Bond  \$2,000 Surface Bond  \$5,000 Surface Bond  
23. Describe lease area associated only with the proposed well by QtrQtr, Sec, Twp, Rng (attach separate sheet/map if required):  
N/2 of SECTION 20 T35-R50W  
24. Distance to Nearest Lease Line: 1170' 25. Total Acres in Lease: 320

DRILLING PLANS AND PROCEDURES

26. Is H2S anticipated?  Yes  No If Yes, attach contingency plan.  
27. Will salt sections be encountered during drilling?  Yes  No  
28. Will salt (>15,000 ppm TDS Cl) or oil based muds be used during drilling?  Yes  No  
29. If questions 27 or 28 are yes, is this location in a sensitive area (Rule 903)?  Yes  No If 27, 28 or 29 are "Yes" a pit permit may be required.  
30. Mud disposal:  Offsite  Onsite  
Method:  Land Farming  Land Spreading  Disposal Facility  Other: Dried in place

NOTE: The use of an earthen pit for Recompletion fluids requires a pit permit (Rule 905b.) If air/gas drilling, notify local fire officials.

String	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
<u>SURFACE</u>	<u>12 1/4</u>	<u>8 5/8</u>	<u>24</u>	<u>310</u>	<u>150</u>	<u>310</u>	<u>SURFACE</u>
<u>Production</u>	<u>7 7/8</u>	<u>5 1/2</u>	<u>15.5</u>	<u>4400</u>	<u>350</u>	<u>4400</u>	<u>2800</u>
			Stage Tool	<u>NONE</u>			

31. BOP Equipment Type:  Annular Preventor  Double Ram  Rotating Head  None  
32. Comments \_\_\_\_\_

33. Rule 306 Consultation has taken place or is not required. Provide supporting documentation if consultation has been waived or good faith effort did not result in consultation.  
I hereby certify that a complete permit package has been sent to the applicable county and all statements made in this form are, to the best of my knowledge, true, correct, and complete.  
Signed: E. Kevin Beacom Print Name: E. KEVIN BEACOM  
Title: Geologist Date: 11-10-04

Based on the information provided herein, this application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

OGCC Approved: [Signature] MB Director of COGCC Date: 12/9/04

Permit Number: 20042832 Expiration Date: 12/8/05

API NUMBER  
05-121-10835-00

CONDITIONS OF APPROVAL, IF ANY:

24 HOUR SPUD NOTICE REQUIRED. CONTACT KEVIN LIVELY @970-522-6747. IF WELL IS A DRY HOLE SET PLUGS AT THE FOLLOWING DEPTHS: 1) 40 SKS CMT @BASE OF D SAND UP 2) 40 SKS CMT 1/2 OUT 1/2 IN SURFACE CSG 3) 10 SKS CMT TOP OF SURFACE CSG, CUT 4' BELOW GL, WELD PLATE 4) 5 SKS CMT IN RAT HOLE & 5 SKS IN MOUSE HOLE

Johnson

32-20

Well name and number:

SWNE-S20-T35-R50W

## Survey Plat Check list

S

number	Item	
	8-1/2" x 11" scaled drawing of the entire section	
1	Dimensions on adjacent exterior section lines sufficient to completely describe the quarter section containing the proposed well shall be indicated	OK
1a	If dimensions are not field measured, state how the dimensions were determined	OK
2	For directional drilling into an adjacent section, that section shall also be shown on the location plat and dimensions on exterior section lines sufficient to completely describe the quarter section containing the proposed productive interval and bottom hole location shall be indicated.	N/A
3	For irregular, partial or truncated sections, dimensions will be furnished to completely describe the entire section containing the proposed well.	N/A
4	The field-measured distances from the nearer north/south and nearer east/west section lines shall be measured at ninety (90) degrees from said section lines to the well location and referenced on the plat.	OK
4.1*	For unsurveyed land grants and other areas where an official public land survey system does not exist the well locations shall be spotted as footages on a protracted section plat using Global Positioning System (GPS) technology and also reported as latitude and longitude in accordance with the requirements set forth below: in 4A, 4B, 4C	N/A
4A*	All GPS data reported to the Commission shall be differentially corrected using base station data or other correction sources. The base station or other correction source shall be identified and reported with the coordinate values.	
4B*	Coordinates shall be reported as latitude and longitude in decimal degrees to an accuracy of at least five (5) decimal places (e.g.; latitude 37.12345 N, longitude 104.45632 W).	
4C*	All data shall be referenced to the North American Datum (NAD) of 1927.	✓
4D	The date of the survey shall be reported.	OK
5	A map legend	OK
6	A North Arrow	OK
7	A scale expressed as an equivalent (e.g. 1" = 1000').	OK
8	A bar scale.	OK
9	The ground elevation.	OK
10	The basis of the elevation (how it was calculated or its source).	OK
11	The basis of bearing or interior angles used.	OK
12	Complete description of monuments and/or collateral evidence found; all aliquot corners used shall be described.	OK
13	The legal land description by section, township, range, principal meridian, baseline and county.	OK
14	Operator name	OK
15	Well name and number	OK
16	Date of completion of scaled drawing	OK
17a	All visible improvements within two hundred (200) feet of a wellhead (or, in a high density area within four hundred (400) feet of a wellhead) shall be physically tied in and plotted on the well location plat or on an addendum, with a horizontal distance and approximate bearing from the well location.	N/A
17b	Visible improvements shall include, but not be limited to, all buildings, publicly maintained roads and trails, major above-ground utility lines, railroads, pipelines, mines, oil wells, gas wells, injection wells, water wells, visible plugged wells, sewers with manholes, standing bodies of water, and natural channels including permanent canals and ditches through which water flows.	N/A
17c	If there are no visible improvements within two hundred (200) feet of a wellhead (or in a high density area within four hundred (400) feet of a wellhead), it shall be so noted on the Permit-to-Drill, Form 2.	OK
18	Surface use shall be described within the two hundred (200) foot radius of a wellhead (or in a high density area within the four hundred (400) foot radius of a wellhead).	OK

\* Only required for unsurveyed land grants and other areas where an official public land survey system does not exist.

The survey plat you submitted with your permit was found to be in non-compliance with COGCC rule 303c. See above checklist. If a survey plat is not in compliance with rule 303c the operator will be notified and the permit will be placed on hold until an adequate replacement is supplied to the COGCC.

good

**EDWARD MIKE DAVIS, L.L.C.**  
730 17<sup>th</sup> Street, Suite 450, Denver, CO 80202  
Tel. (720) 946-6700 Fax: (720) 946-6801

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COGCC

Ms. Linda Pavelka  
Colorado Oil & Gas Conservation Comm.  
1120 Lincoln Street, Suite 801  
Denver, Co. 80203

November 11, 2004

RE: Johnson 32-20  
T3S – R50W, Washington County  
Well Permit



Dear Ms. Pavelka:

I am sending via Fax, with originals to follow by Fed Ex, the documents needed to permit the Johnson 32-20 well in Section 20, T3S, R50W, Washington County, Colorado. This well is located approximately 554' NW of the abandoned producer, Friend #1 in the Dorado Field.

The documents provided include Form 2 and 2A, the location survey, topo map and location pictures, letter of notice of intent to drill (rule 305) and waiver of rule 305, surface owner consultation (rule 306), waiver of rule 318 (this is not an exception location), Surface owner agreement, three leases: Martin D Friend (83.34%), Jason M Friend (8.33%), Jewel M Brunmeier (8.33%) and a waiver of notice by Washington County are also included.

Thank you for your assistance in approving this permit.

If you have any questions or need any other information, please call my cell phone at 303.618.7955 or call Mike Davis at 702.877.5678.

Regards,

A handwritten signature in blue ink that reads "E. Kevin Beacom".

E. Kevin Beacom  
Geologist  
730 17<sup>th</sup> Street  
Denver, Co. 80202  
720.946.6700 Office  
720.946.6801 Fax