

DATE IN 4/12/10	SUSPENSE	ENGINEER WJS	LOGGED IN 4/15/10	TYPE SWD 1220	APP NO. QUNK 1010556250
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -
1220 South St. Francis Drive, Santa Fe, NM 87505



*Barnett Oil Co. Inc.
Power 31 Fed #3*

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]
- [A] Location - Spacing Unit - Simultaneous Dedication
 NSL NSP SD
- Check One Only for [B] or [C]
- [B] Commingling - Storage - Measurement
 DHC CTB PLC PC OLS OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR
- [D] Other: Specify _____
- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply
- [A] Working, Royalty or Overriding Royalty Interest Owners
- [B] Offset Operators, Leaseholders or Surface Owner
- [C] Application is One Which Requires Published Legal Notice
- [D] Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] Waivers are Attached
- [3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Mark A. Jacoby Mark A. Jacoby Engineering Mgr. 4/9/10
 Print or Type Name Signature Title Date

mjacoby@barnettoil.com
 e-mail Address

*A/31/175/31E
(EPPY)
35-05-31806
2010 APR 12 P 1:02
RECEIVED OGD
8528-9200.pdf
1710175*

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: _____ Secondary Recovery _____ Pressure Maintenance Disposal _____ Storage
Application qualifies for administrative approval? Yes _____ No

II. OPERATOR: Burnett Oil Co. Inc.
ADDRESS: Burnett Plaza - Suite 1500, 801 Cherry St. - Unit #9, Ft. Worth, Tx. 76102
CONTACT PARTY: Mark A. Jacoby PHONE: 817-332-2751

III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.
Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? _____ Yes No
If yes, give the Division order number authorizing the project: _____

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

*VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.

IX. Describe the proposed stimulation program, if any.

*X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).

*XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

NAME: Mark A. Jacoby TITLE: Engineering Mgr.

SIGNATURE: Mark A. Jacoby DATE: 4/9/10

E-MAIL ADDRESS: mjacoby@burnettoil.com

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: _____

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and,
- (4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

ATTACHMENT TO APPLICATION C-108

Burnett Power 31 Federal 3 SWD

Unit H, Sect. 36, T17S, R31E

Eddy Co., NM

III. WELL DATA

- A. 1) See injection well data sheets and attached schematics.
- 2) See injection well data sheets and attached schematics.
- 3) 3 ½" 9.3#/ft L80 Ultra FJ internally coated w/ceramkote set at 8450'.
- 4) Arrowset I w/ 2.25" profile nipple.
- B. 1) Injection formation is Wolfcamp Reef.
- 2) Injection interval is 8548' to 9400', perforated.
- 3) Well was drilled as a Morrow gas test, then P & A.
- 4) The next higher zone perforated and tested was Wolfcamp at 8548' – 8588'. CIBPSA 8528' and 35' cement on top.

IV. NO

V. MAP ATTACHED

VI. LIST OF WELLS AND DATA ATTACHED

VII. Burnett proposes to re-enter this P & A well drill out cement plugs. Will then selectively perforate 5 ½" casing from 8800' to 9400' in the Wolfcamp Reef and acidize perforations. We will run 3 ½" internally coated tubing on packer in 5 ½" casing, and set packer at +/- 8450'. Packer fluid will be circulated and the annulus pressure tested according to OCD requirements.

- 1) Plan to inject approximately 10,000 bpd of produced water from Burnett operated leases in offset production.
- 2) Closed system.
- 3) Average injection pressure should be 800# to 1250#, or to a maximum per OCD order.
- 4) Injection water analysis is attached, is only produced water from Burnett operated leases. Sources of produced water include Yeso, San Andres, Grayburg, Queen, 7 Rivers.
- 5) Wolfcamp Reef is not productive of oil and gas in this area of interest so do not have a water analysis of the formation water.

VIII. WOLFCAMP REEF GEOLOGICAL DESCRIPTION

See attached cross section.

Strata composing the Wolfcamp "Reef" are predominantly dolomite with interbedded gray to black argillaceous and carboniferous shales. The porous, tan to brown dolomites

range from very fine- to medium-crystalline dolostones to fossiliferous wackestones, packstones, and grainstones. The dominant fossil types are brachiopods, crinoids, horn corals, and bryozoans. Peloids are common. Intercrystalline (dolomite) and moldic porosity are the dominant reservoir types. This dolomitic reef section is thick with significant secondary porosity with high permeability. Natural fracturing may be present.

IX. ACIDIZE WITH VOLUME TO BE DETERMINED, FRAC IF NECESSARY.

X. Previously submitted to OCD or will run.

- 1) Gamma Ray
- 2) Compensated Density/Neutron
- 3) Cement Bond Log

XI. NO FRESH WATER WELLS WITHIN ONE MILE.

XII. I, Mark Jacoby, have examined all available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zones and any underground source of drinking water pertaining to this well. The disposal formation will have several thousand feet of overburden which includes shales and evaporate zones of various thicknesses. These zones will prevent any hydraulic communication between strata.

XIII. PROOF OF NOTICE ATTACHED.

3-22-04

TO: JOE LARA
FM: WYATT ABBITT / RONNIE SLACK

RE: Joe, ~~we currently~~ have rig on well. The
Wolfcamp is wet, ~~we~~ would like to
P: A well while we are on location.

PLEASE EXPEDITE APPROVAL IF POSSIBLE.

THANKS

WYATT ABBITT
(405) 552-8137 PHONE
(405) 552-4621 FAX

DRILLING PROGRAM

**POWER "31" FEDERAL #3
1980' FNL & 660' FEL
Section 31-T17S-R31E
Eddy County, New Mexico**

1. Geologic Name of Surface Formation

Permian

2. Estimated Tops of Important Geologic Markers

Rustler	395'
Salado	620'
Tansil	1,546'
Yates	1,707'
Seven Rivers	2,069'
Queen	2,744'
Grayburg	3,155'
San Andres	3,607'
Glorietta	5,120'
Tubb	6,620'
Abo	7,820'
Wolfcamp	8,420'
Penn Sand	9,470'
Strawn	10,420'
Atoka	10,920'
Morrow Clastics	11,270'
Chester Lime	11,520'
Mississippi Lime	11,720'
TD	±12,000'

INJECTION WELL DATA SHEET

OPERATOR: Burnett Oil Co. Inc.

WELL NAME & NUMBER: Power 31 Federal No. 3 SWD

WELL LOCATION: 1980' ENL 660' FEL UNIT LETTER: Unit H SECTION: 31 TOWNSHIP: 17S RANGE: 31E

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA
Surface Casing

Hole Size: 17 1/2" Casing Size: 13 3/8" ft³
Cemented with: 782 sx. or _____
Top of Cement: Surface Method Determined: CIRC.

Intermediate Casing

Hole Size: 12 1/4" Casing Size: 8 5/8" ft³
Cemented with: 1830 sx. or _____
Top of Cement: SURFACE Method Determined: CIRC

Production Casing

Hole Size: 7 7/8" Casing Size: 5 1/2" ft³
Cemented with: 2095 sx. or _____
Top of Cement: 2916 Method Determined: CBL

Total Depth: 11875

Injection Interval

8548 feet to 7400 Perf

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 3 1/2" ULTRA FUL80 Lining Material: Ceramikote

Type of Packer: Arrowset I 10K Doubleset w/ 2.25" Profile Nipple

Packer Setting Depth: 8450'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____ Yes X No

If no, for what purpose was the well originally drilled? Morrow gas test

2. Name of the Injection Formation: Wolfcamp Reef

3. Name of Field or Pool (if applicable): _____

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. Morrow 11462 - 11470,

11623-11630 Perf, CIBPSA 11440' ± 35' cement; Wolfcamp 8548-8588 CIBPSA 8528' ± 35' cement.

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: _____

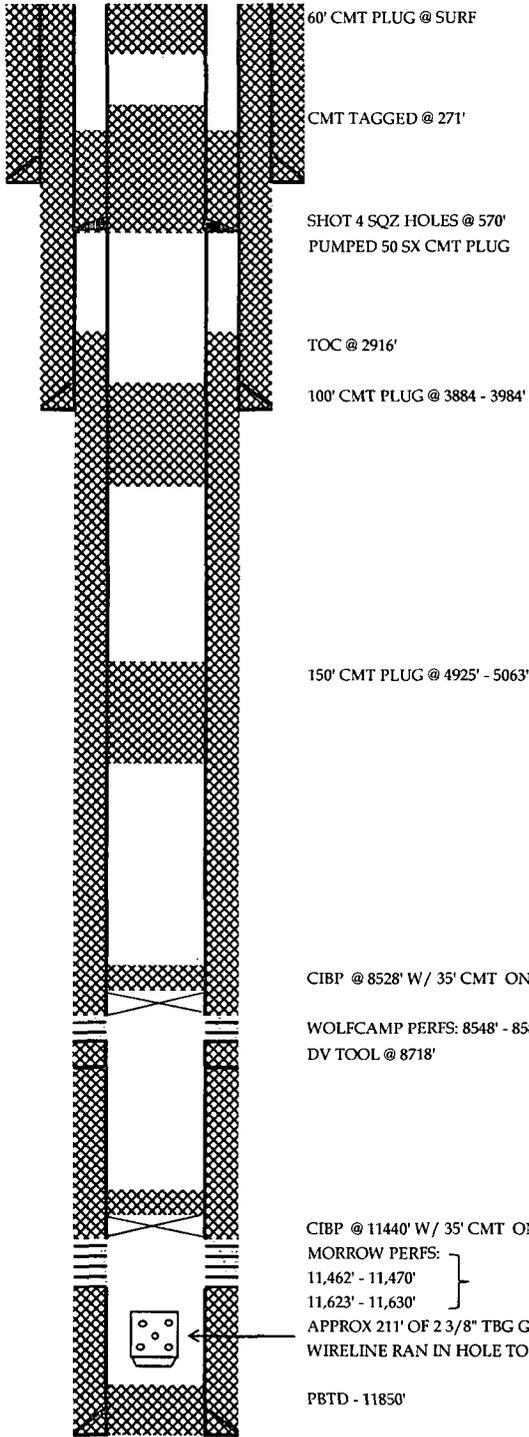
BURNETT OIL CO., INC.



WELL NAME: Power 31 Federal 3
 FIELD: CEDAR LAKE (MORROW GAS)
 COUNTY/STATE: EDDY CO., NEW MEXICO
 LOCATION: SL: UNIT H, 1980' FNL, 660' FEL
SECTION 31, T17S, R31E

SPUD DATE: 8/13/2001 API # 30-015-31806
 COMPL DATE: 11/21/2001 AFE # _____

CURRENT



SURFACE CASING:
 DEPTH: 520' SIZE: 13 3/8" WT: 48#
 CEMENT: W/ 782 SX, CMT TO SURF

INTERMEDIATE CASING:
 DEPTH: 3920' SIZE: 8 5/8" WT: 32#
 CEMENT: CMT'D W/ 1830 SX, CMT TO SURF

PRODUCTION CASING:
 DEPTH: 11875' SIZE: 5 1/2" WT: 17#
 CEMENT: CMT'D W/ 2095 SX

TUBING:
 DEPTH: _____ SIZE: _____

PUMP: _____

REMARKS:

TD - 11875'

Current

DEVON ENERGY PRODUCTION COMPANY LP

Well Name: Power 31 Federal 3		Field: Cedar Lake (Morrow Gas)	
Location: 1980' FNL & 660' FEL Sec 31-17S-31E Unit H		County: Eddy	State: NM
Elevation: 3719' GR		Spud Date: 8/13/01	Compl Date: 11/21/01
API#: 30-015-31806	Prepared by: R Slack	Date: 3/30/04	Rev: NA

Lease Designation: NM-98824

Actual - Plugged & Abandoned 3/24/04

17-1/2" hole
13-3/8", 48#, H40 @ 520'
 Cmt'd w/ 782 sxs. Cmt to surf.

TOC @ 2916' - CBL (10/17/01)
 (1000 psi applied on casing)

12-1/4" hole
8-5/8", 32#, J55, LT&C, @ 3920'
 Cmt'd w/ 1830 sxs. Cmt to surf.

Geologic Markers	
Rustler	420'
Yates	1840'
Seven Rivers	2184'
Queen	2820'
Grayburg	3120'
San Andres	3652'
BoneSpring	5000'
WolfCamp	8450'
Canyon	9820'
Strawn	10672'
Atoka	10820'
Morrow	11138'
Barnett	11664'

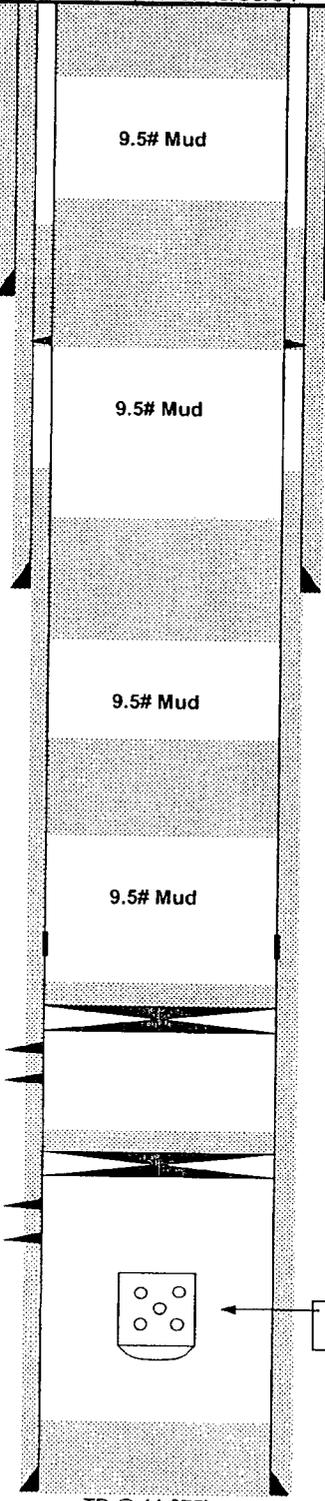
DV Tool @ 8718'

WOLFCAMP PERFS (perfed 3/11/04)
 8548' - 8588' 4 spf 90 Deg Phasing

MORROW PERFS: (perfed 10/20/01)
 11,462' - 11,470'
 11,623' - 11,630'

10/25/01: Acidized w/ 1000 gals acid, 30% methanol, 24 mscf N2

5-1/2", 17#, P110 & N80, @ 11875'
 Cmt'd w/ 2095 sxs.



Set 60' cement plug @ surface
 Cut off casing & installed dry hole marker
 Covered pit and cleaned up location.
 Well plugged & abandoned 3/24/04

Cement tagged @ 271'

Shot 4 sqz holes @ 570'. Circulated 9.5# mud in annulus & casing. Pumped 50 sx cement plug. 100' in annulus & remainder in casing. Cement tagged @ 271'.

100' Cement plug @ 3884' - 3984' (3/23/04)

150' Cement Plug @ 4925' to 5063' (3/22/04)

CIBP @ 8528' w/ 35' cement on top (3/22/04)

CIBP @ 11,440' w/35'cmt on top (3/12/04)

approx. 211' of 2-3/8" tbq guns released (10/24/01)
 wireline ran in hole to 11600'

PBD @ 11,850'

TD @ 11,875'

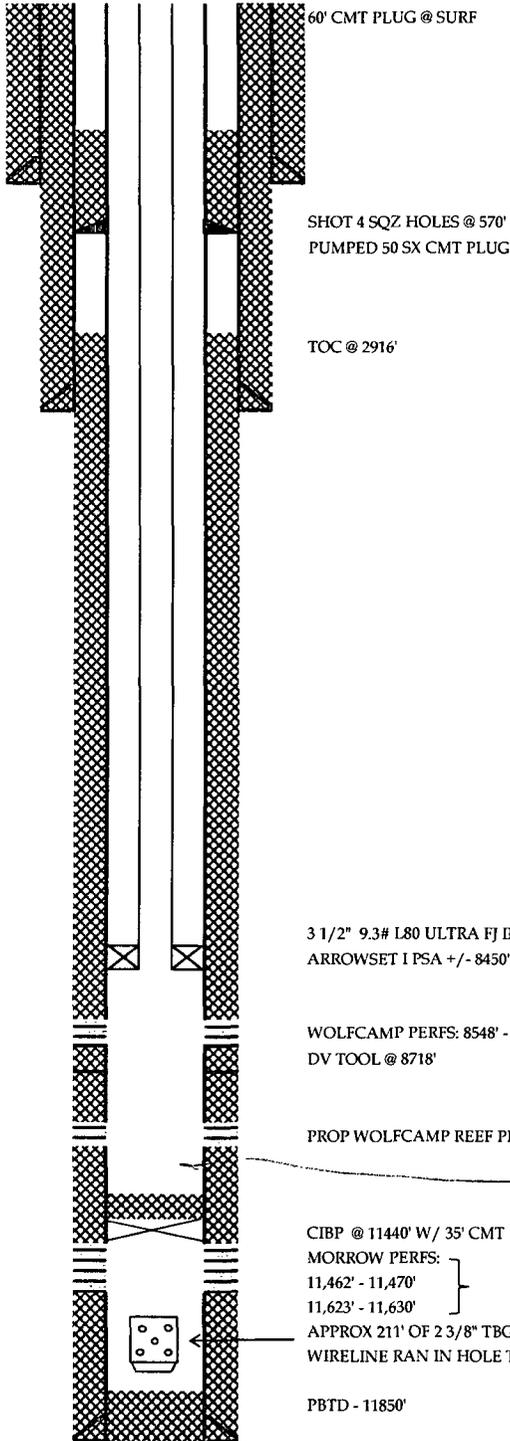
BURNETT OIL CO., INC.



WELL NAME: Power 31 Federal 3
 FIELD: CEDAR LAKE (MORROW GAS)
 COUNTY/STATE: EDDY CO., NEW MEXICO
 LOCATION: SL: UNIT H, 1980' FNL, 660' FEL
SECTION 31, T17S, R31E

SPUD DATE: 8/13/2001 API # 30-015-31806
 COMPL DATE: 11/21/2001 AFE # _____

PROPOSED



SURFACE CASING:
 DEPTH: 520' SIZE: 13 3/8" WT: 48#
 CEMENT: W/ 782 SX, CMT TO SURF

INTERMEDIATE CASING:
 DEPTH: 3920' SIZE: 8 5/8" WT: 32#
 CEMENT: CMT'D W/ 1830 SX, CMT TO SURF

PRODUCTION CASING:
 DEPTH: 11875' SIZE: 5 1/2" WT: 17#
 CEMENT: CMT'D W/ 2095 SX

TUBING:
 DEPTH: 8450' SIZE: 3 1/2" WT: 9.3#

PUMP: _____

REMARKS:

See CIBP after 200'

TD - 11875'

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN **TRIPPLICATE***
(See other in reverse side)

Form approved. **45F-476**

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK: DRILL DEEPEN

1b. TYPE OF WELL:
 GIL WELL GAS WELL Other _____ SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
DEVON SFS OPERATING, INC. **20305**

3. ADDRESS AND TELEPHONE NO.
20 N. BROADWAY, SUITE 1500, OKC, OK 73102 (405) 235-3611

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
 At surface **1980' FNL & 660' FEL Unit H**

 At top proposed prod. zone (same)

5. LEASE DESIGNATION AND SERIAL NO.
NM-98824

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME, WELL NO.
Power "31" Federal #3
28024

9. API WELL NO.
30-015-31806

10. FIELD AND POOL, OR WILDCAT
Cedar Lake (Morrow Gas)

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Section 31-T17S-R31E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 6 miles East and 2 miles South of Loco Hills, New Mexico

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. **660'**
(Also to nearest 3/8" unit line if any)

16. NO. OF ACRES IN LEASE
306.56

17. NO. OF ACRES ASSIGNED TO THIS WELL
306.56

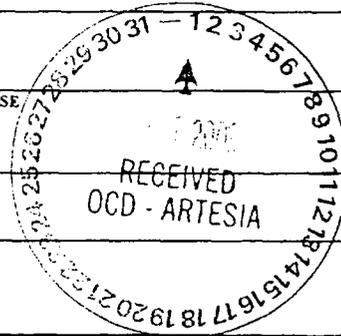
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH
12,000'

20. ROTARY OR CABLE TOOLS*
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
GL=3,719'

22. APPROX. DATE WORK WILL START*
March 1, 2001



23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	H-40 13-3/8"	48#	595' 375'	897 sxs (est TOC @ surface)
12-1/4"	J-55 8-5/8"	32#	3920'	2,150 sxs (est TOC @ surface)
7-7/8"	S-95 & N-80 5-1/2"	17#	12,000'	713 sxs (est TOC @ 7,900')

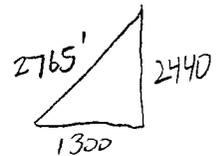
[SEE STIPS]

Devon SFS Operating, Inc. proposes to drill a Morrow well to TD 11,800'± for commercial quantities of gas. If the well is deemed noncommercial, the well bore will be plugged and abandoned per Federal regulations. Programs to adhere to onshore oil and gas regulations are outlined in the following exhibits and attachments.

- Drilling Program
 Surface Use and Operating Plan
 Exhibit #1 = Blowout Prevention Equipment
 Exhibit #2 = Location and Elevation Plat
 Exhibit #3 = Road Map and Topo Map
 Exhibit #4 = Wells Within 1 Mile Radius
 Exhibit #5 = Production Facilities Plat
 Exhibit #6 = Rotary Rig Layout
 Exhibit #7 = Casing Design
 H₂S Operating Plan

The undersigned accepts all applicable terms, conditions, stipulations and restrictions concerning operations conducted on the leased land or portions thereof, as described below
 Lease #: NM-98824
 Legal Description: Section. 31-T17S-R31E
 Bond Coverage: Statewide in CO., NM, UT & WY
 M Bond No.: UT1195

**APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED**



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if a 24.

SIGNED Charles H. Carleton TITLE Sr. Engineering Technician DATE February 15, 2001

*(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY /s/ LESLIE A. THEISS

TITLE _____ DATE MAY 29 2001

See Instructions On Reverse Side

SURFACE USE AND OPERATING PLAN

**POWER "31" FEDERAL #3
1980' FNL & 660' FEL
Section 31-T17S-R31E
Eddy County, New Mexico**

1. Existing Roads

- A. The well site and elevation plat for the proposed Power "31" Federal #3 are reflected on Exhibit #2. This well was staked by Basin Surveys in Hobbs, NM.
- B. All roads into the location are depicted in Exhibit #3. New construction from the existing lease road will be used to access the location. New construction will conform to the specifications outlined in Item #2 below.
- C. Directions to location: From Jct. Hwy 82 & Hwy 31, go South on Hwy 31 1.2 mile to a lease road right; thence take lease road West 1.1 miles to a point $\pm 500'$ North of location.

2. Proposed Access Road

Exhibit #3 shows the existing lease road. Access to this location will require the construction of about 1,502' of proposed access road. All new construction will adhere to the following.

- A. The maximum width of the road will be 15'. It will be crowned and made of 6" of rolled and compacted caliche. Water will be deflected, as necessary, to avoid accumulation and prevent surface erosion.
- B. Surface material will be native caliche. This material will be obtained from a BLM approved pit nearest in proximity to the location. The average grade will be approximately 1%.
- C. No cattle guards, grates or fence cuts will be required. No turnouts are planned.

3. Location of Existing Wells

Exhibit #4 shows all existing wells within a one-mile radius of the proposed Power "31" Federal #3.

DISTRICT I
 P. O. Box 1980
 Hobbs, NM 88241-1980

State of New Mexico
 Energy, Minerals, and Natural Resources Department

Form U-
 Revised 02-10

Instructions on t

Submit to the Approp.
 District Office
 State Lease - 4 copi
 Fee Lease - 3 copie

DISTRICT II
 P. O. Drawer DD
 Artesia, NM 88211-0719

OIL CONSERVATION DIVISION
 P. O. Box 2088
 Santa Fe, New Mexico 87504-2088

AMENDED REPO

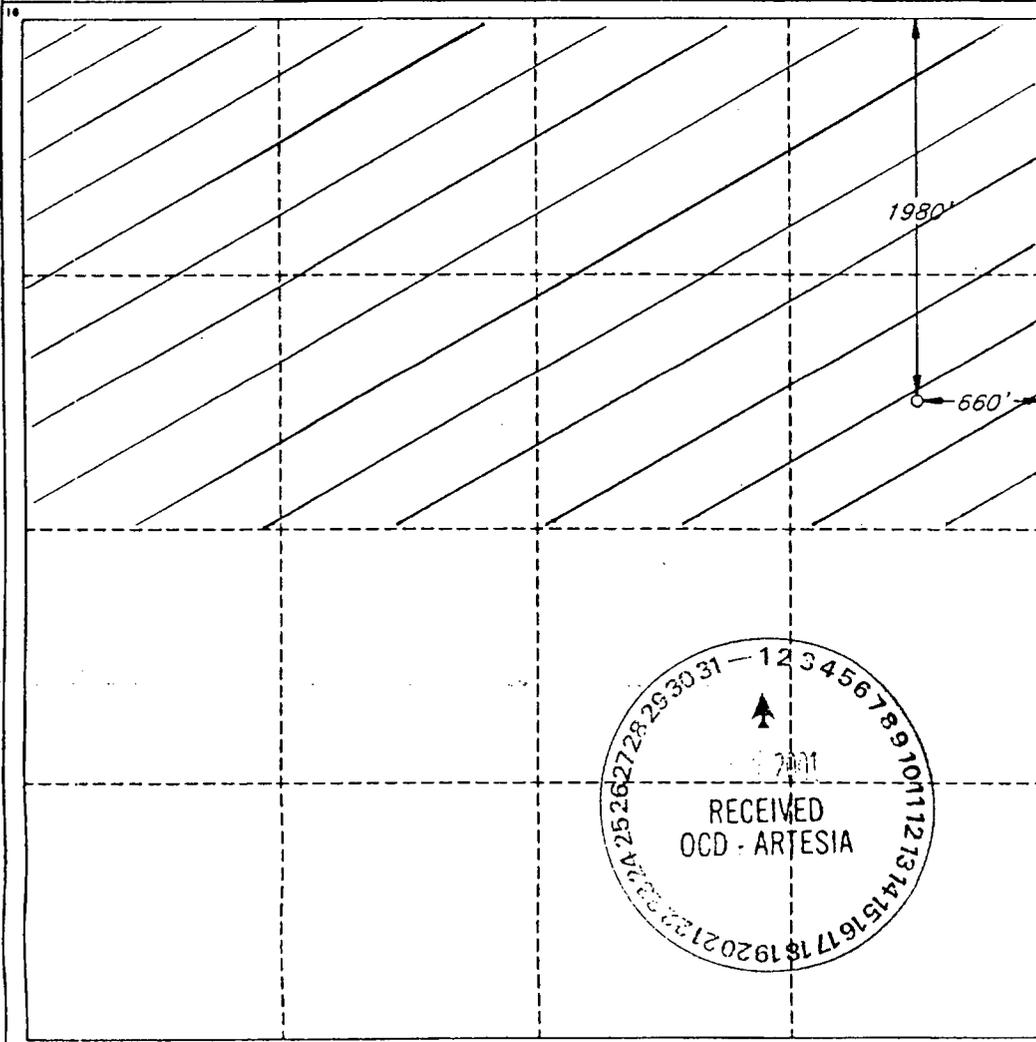
DISTRICT III
 1000 Rio Brazos Rd.
 Aztec, NM 87410

DISTRICT IV
 P. O. Box 2088
 Santa Fe, NM 87507-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code		3 Pool Name Cedar Lake (Morrow Gas)					
4 Property Code		5 Property Name POWER '31' FEDERAL					6 Well Number 3		
7 OGRID No. 20305		8 Operator Name DEVON S.F.S. OPERATING, INC.					9 Elevation 3719'		
10 SURFACE LOCATION									
UL or lot no. H	Section 31	Township 17 SOUTH	Range 31 EAST, N.M.P.M.	Lot Ida	Feet from the 1980'	North/South line NORTH	Feet from the 660'	East/West line EAST	Count EDD
11 BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE									
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	Count
12 Dedicated Acres 306.56		13 Joint or Infill		14 Consolidation Code		15 Order No.			

NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature
Charles H. Carleton
 Printed Name
 Charles H. Carleton
 Title
 Sr. Engineering Technician
 Date
 January 30, 2001

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey
 JANUARY 12, 2001

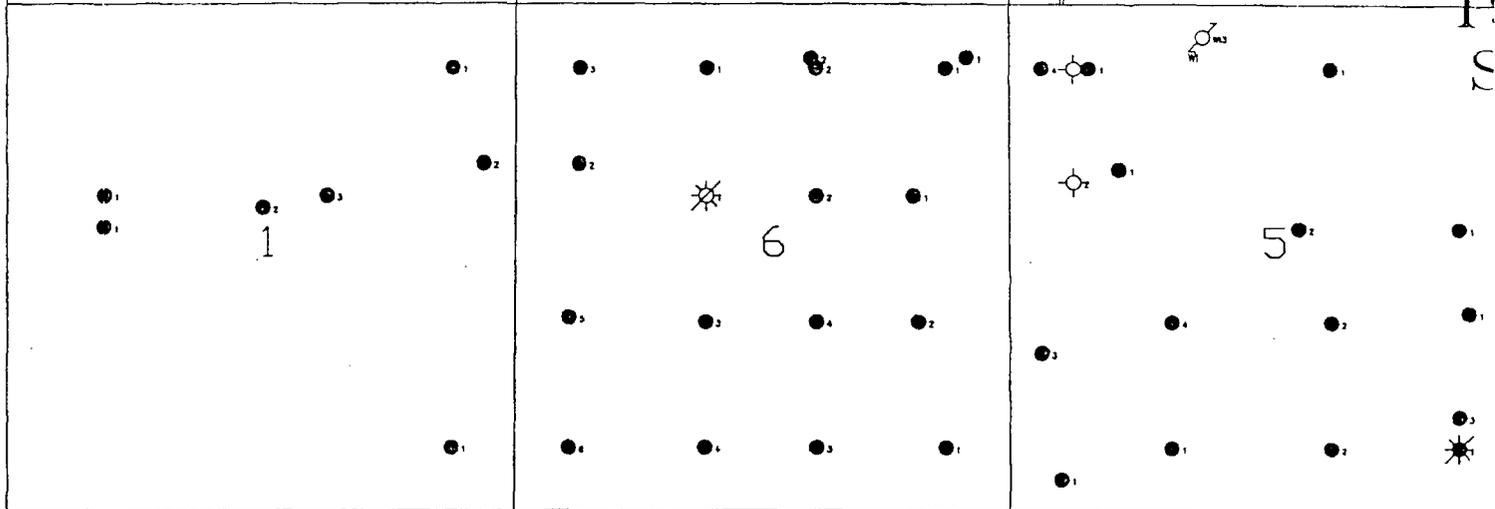
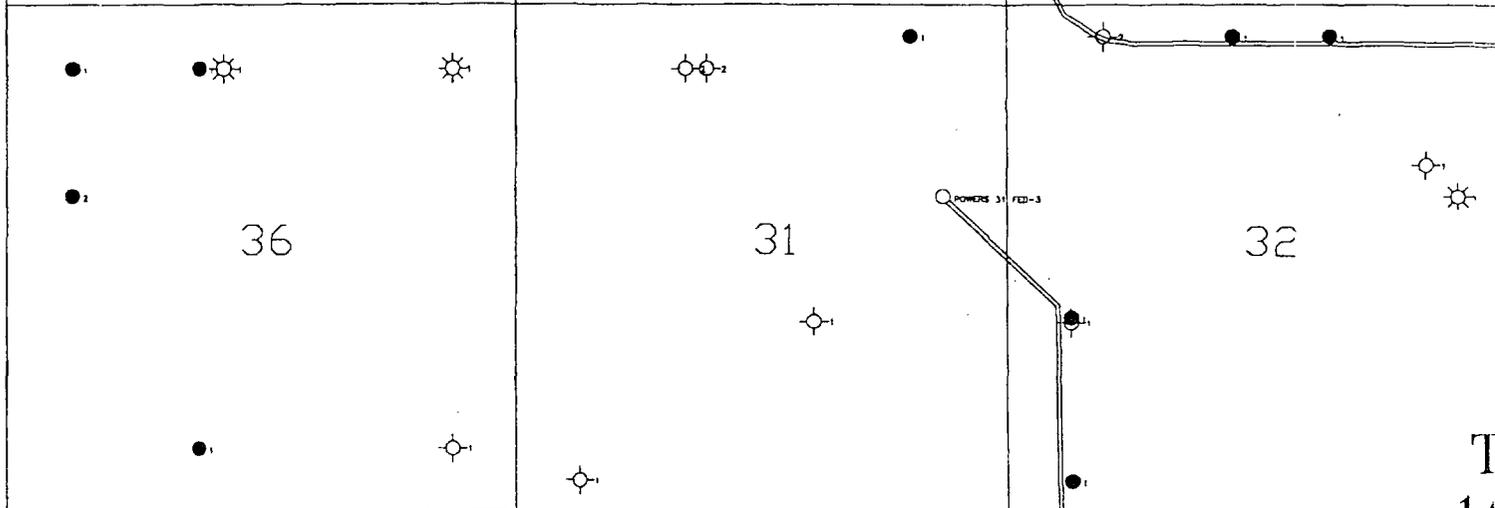
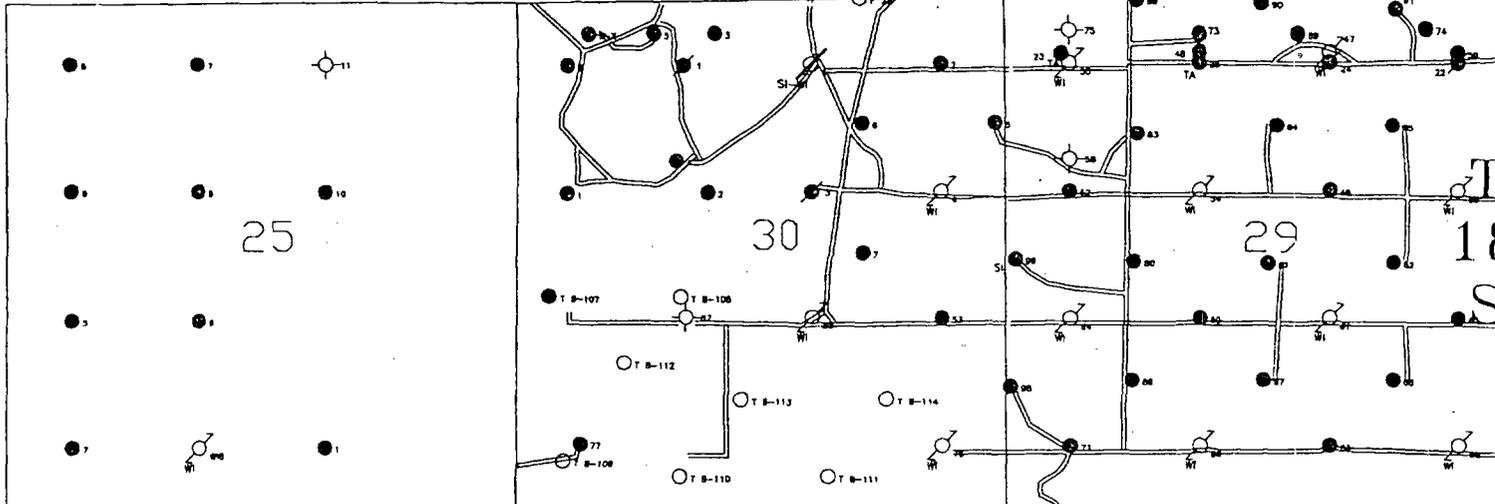
Signature and Seal of Professional Surveyor

Certificate No.
 V. L. BEZNER R.P.S. #792
 JOB #73882 / 98 SW / J.C.



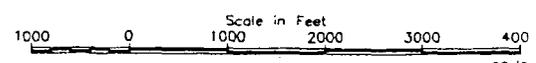
R 30 E

R 31 E



DEVON SFS OPERATING, INC.
 CEDAR LAKE (MORROW GAS)
 EDDY COUNTY, NEW MEXICO

ROAD PLAT
 POWER "31" FED #3
 EXHIBIT 3



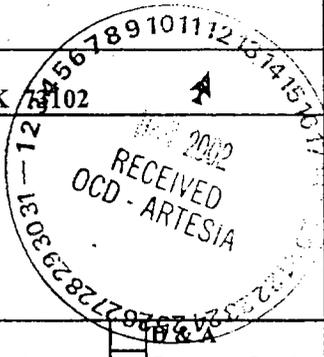
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN OIL
N.M. DIST. 2
1301 W. Grand Avenue
Artesia, NM 88210

FORM APPROVED
OMB NO. 1004-0137
DATE 08-28-1995
EFFECTIVE DATE AND SERIAL NO.
NM-98824

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____			6. INDIAN ALLOTTEE OR TRIBE NAME		
TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RES. <input type="checkbox"/> OTHER _____			7. UNIT AGREEMENT		
2. NAME OF OPERATOR Devon SFS Operating, Inc.			8. FARM OR LEASE NAME Power 31 Federal <i>SI</i> 3		
3. ADDRESS OF OPERATOR 20 North Broadway, Suite 1500, OKC, OK 73102			9. API WELL NO. 30-015-31806		
4. LOCATION OF WELL, Show quarter-quarter description and footage measurements At surface 1980'FNL & 660' FEL Unit H At top prod. interval, reported below At total depth			10. FIELD NAME Cedar Lake (Morrow Gas)		
14. DATE SPUNDED 8/13/01			15. DATE T.D. REACHED 9/29/01		
16. DATE COMPL. 11/21/01			17. ELEVATIONS (DF, RKB, RT, GR, etc.)* 3719' GR		
18. Total Depth (MD & TVD) 11,875'		19. Plug back T.D. (MD & TVD) 11,850'		20. Depth Bridge Plug Set (MD & TVD)	
21. TYPE ELECTRIC AND OTHER LOGS RUN (Submit one copy of each) Multipole Array Acoustilog, Dual Laterolog Micro Laterolog, Compensated Z-Densilog, Compensated Neutron Log			22. Was well cored? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (submit analysis) Was DST run? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (submit report) Directional Survey? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES (Submit copy)		



Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No of Sks. & Type of Cma	Slurry Vol	Cement Top	Amount Pulled
17 1/2"	13 3/8"	48#	surf	520'		782 sx Circ 230 to pit		Surf	
12 1/4"	8 5/8"	32#	surf	3920'		1830 sx circ 420 to pit		Surf	
7 7/8"	5 1/2"	17#	surf	11,875'		2095 sx		2916'	

SIZE	Depth Set (MD)	Packer Depth (MD)	SIZE	Depth Set (MD)	Packer Depth (MD)	SIZE	Depth Set (MD)	Packer Depth (MD)
2 3/8	11,599'							

Formation	Top	Bottom	Perforaiton Record	Size	No. Holes	Perf. Status
Morrow	11,462'	11,470'				SI
Morrow	11,623'	11,630'				SI

Depth Interval	Amount and Type of Material
11,462' - 11,630'	acidized w/1000 gal acid & 30% methanol & 24 mscf nitrogen

Date First Produced	Test Date	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
SI	SI	→						ACCEPTED FOR RECORD
Choke Size	Tbg. Press FLWG or SI	24 hr Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	Shut In

Date First Produced	Test Date	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
		→						ENGINEER
Choke Size	Tbg. Press FLWG or SI	24 hr Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

Map of Pennsylvania showing counties and various locations. Major cities include Philadelphia, Harrisburg, and Lancaster. The map is overlaid with a grid and contains numerous small text labels, likely representing local businesses or services. A prominent label in the center reads "POWER 33 EASTBURG OIL (OPER)". Other labels include "MARLBORO", "SHUGART'S ON UNIT", and "MACKENER OPER". The map also shows major roads and geographical features like the Delaware River and the Susquehanna River.

PENNSAUGARTON SD JUT
VINTAGE OPER

COG OEG
Burlington
1582

1830

COG OEG
Burlington
1582

10

COG OEG
Burlington
1582

12

COG OEG
Burlington
1582

14

COG OEG
Burlington
1582

15

COG OEG
Burlington
1582

16

COG OEG
Burlington
1582

17

COG OEG
Burlington
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COG OEG
Burlington
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COG OEG
Burlington
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COG OEG
Burlington
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21

COG OEG
Burlington
1582

22

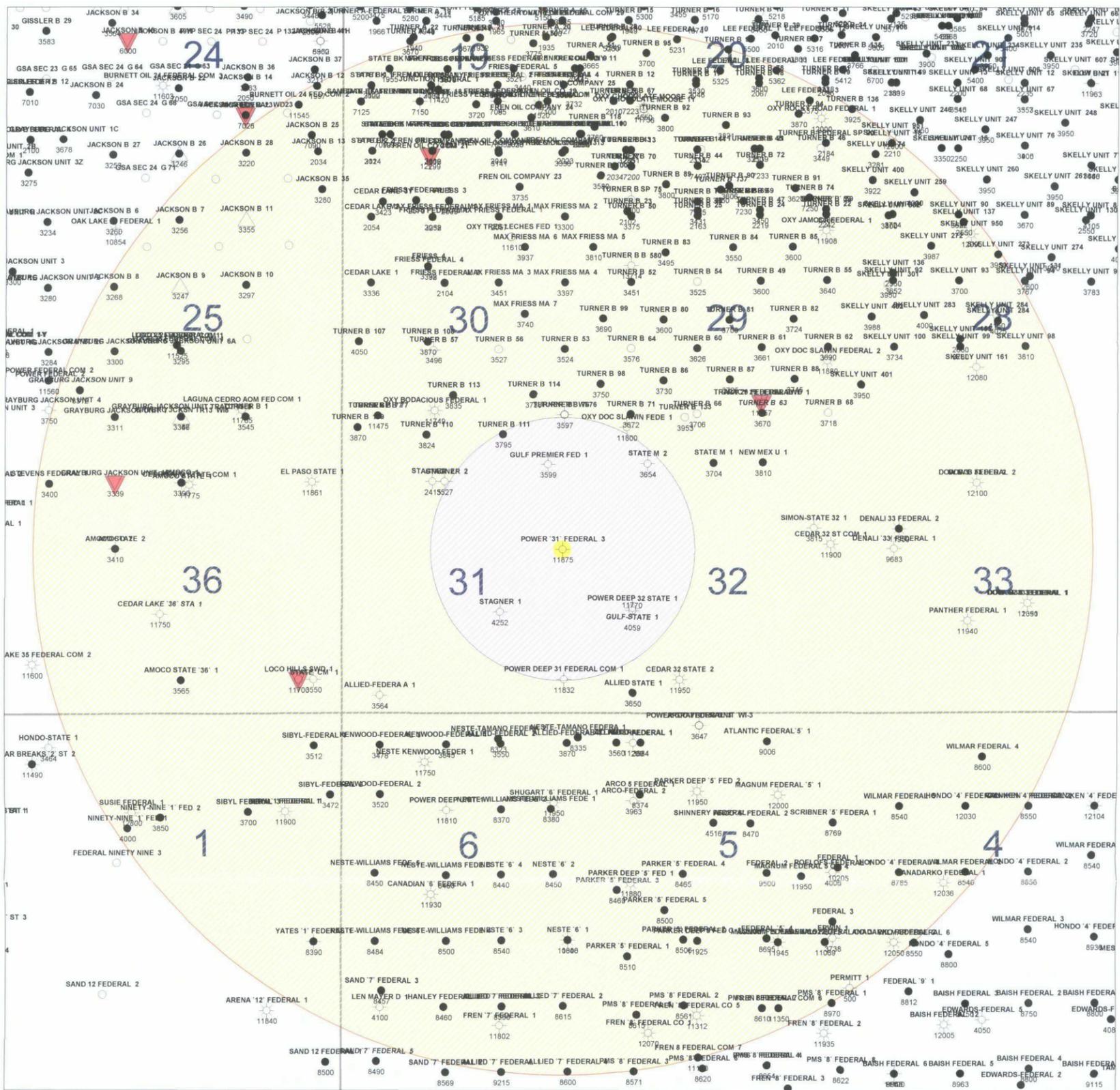
COG OEG
Burlington
1582

23

COG OEG
Burlington
1582

24

COG OEG
Burlington
1582



Well Status

- D&A
- GAS
- O&G
- OIL
- LOC
- INJ
- SWD

- POWER 31 FED 3
- 2 MILE RADIUS
- 1/2 MILE RADIUS

Burnett Oil Co., Inc.
6666

SWD Location
Loco Hills, New Mexico

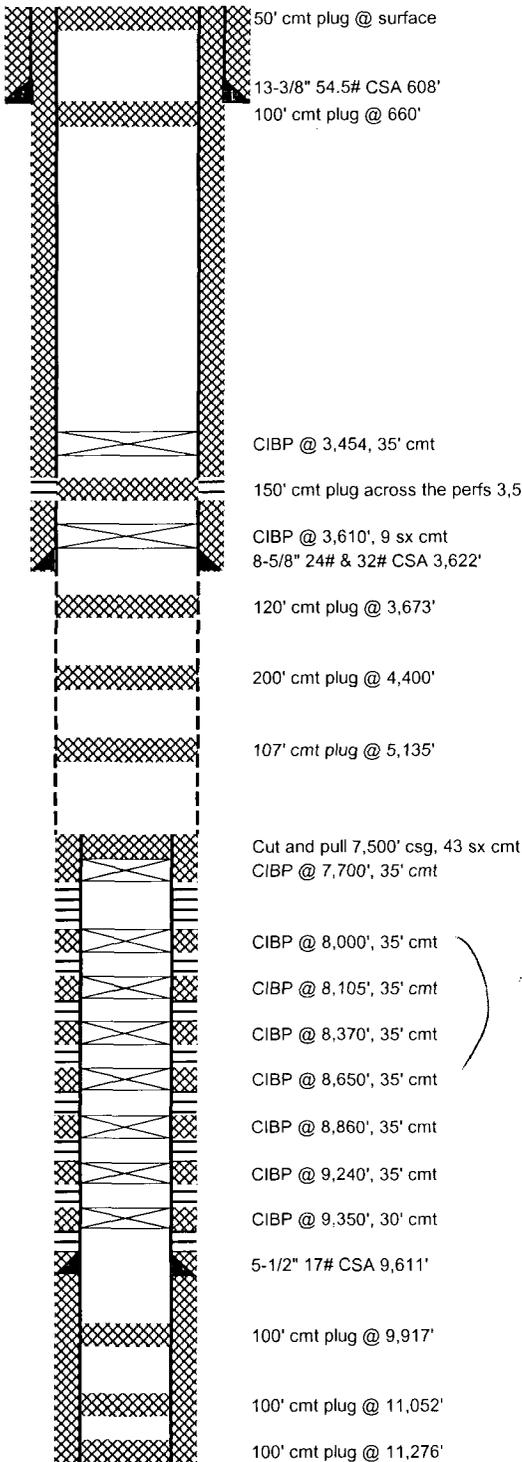
Author: CLK - Eng Tech	Date: April 8, 2010
Scale: 1 inch = 2,500 ft	

Does Penetrate Proposed SWD Zone																	
API	WELL NAME	WELL #	OPERATOR	WELL TYPE	DATE DRILLED	LAND	STATE	COUNTY	U/L	SEC	TWP	RNG	N/S	E/W	DEPTH	RECORD OF COMPLETION	SCHEMATIC OF PLUGGED WELLS
3001520530000	Power Deep 32 State	1	Yates Harvey Co Inc	P&A	11/10/1984	State	NM	EDDY	L	32	17S	31E	2,030' FSL	660' FWL	11,770'	1/2/1985	N/A
3001531806000	Power 31 Federal	3	Devon Sfs Opr Inc	P&A	8/13/2001	Fed	NM	EDDY	H	31	17S	31E	1,980' FNL	660' FEL	11,875'	11/21/2001	Attached
3001531572000	Power Deep 31 Federal Com	1	Yates Harvey E Co	P&A	4/18/2001	Fed	NM	EDDY	P	31	17S	31E	660' FSL	660' FEL	11,832'	7/26/2001	Attached
Does not Penetrate Proposed SWD Zone																	
API	WELL NAME	WELL #	OPERATOR	WELL TYPE	DATE DRILLED	LAND	STATE	COUNTY	U/L	SEC	TWP	RNG	N/S	E/W	DEPTH	RECORD OF COMPLETION	SCHEMATIC OF PLUGGED WELLS
3001505478000	Stagner	1	English-Harmon	P&A	11/22/1938	Fed	NM	EDDY	J	31	17S	31E	1,980' FSL	1,980' FEL	4,252'	3/21/1939	N/A
3001505481000	Gulf Premier Fed	1	McClellan Jack L	P&A	12/31/1958	Fed	NM	EDDY	A	31	17S	31E	330' FNL	990' FWL	3,599'	10/3/1960	N/A
3001505485000	Gulf-State	1	Hanson Ernst A	P&A	11/11/1956	State	NM	EDDY	L	32	17S	31E	1,980' FSL	660' FWL	4,059'	1/24/1957	N/A
3001505488000	State M	2	Brown James G & Assoc	P&A	7/3/1961	Fed	NM	EDDY	D	32	17S	31E	330' FNL	990' FWL	3,654'	8/10/1961	N/A
3001529530000	Turner B	111	Devon Energy Corp	OIL	6/20/1997	Fed	NM	EDDY	O	30	17S	31E	330' FSL	1950' FEL	3,795'	9/4/1997	N/A

WELL NAME: POWER DEEP 32 STATE 01
 FIELD: MORROW/BONE SPRINGS
 PROJECT AREA:
 COUNTY/STATE: EDDY CO., NM
 LOCATIKSL: UNIT I, SEC 32 17S 31E, 2,030' FSL 660' FWL
 BHL: _____

SPUD DATE: 11/8/1984 API# 30015250530000
 RIG RELEASE: 1/5/1985

KE _____ GL: _____



SURFACE CASING:

DEPTH: 608' SIZE: 13-3/8" WT: 54.5# GRADE: _____ BIT SIZE: 17-1/2"
 CEMENT: 500 sx

INTERMEDIATE CASING:

DEPTH: 3,622' SIZE: 8-5/8" WT: 24# & 32# GRADE: _____ BIT SIZE: 11"
 CEMENT: 1,400 sx

PRODUCTION CASING:

DEPTH: 9,611' SIZE: 5-1/2" WT: 17# GRADE: _____ BIT SIZE: 7-7/8"
 CEMENT: 550 sx

P&A 10/16/1985

PERFS (ft.)

1	9474-9360
2	9294-9270
3	8910-8880
4	8687-8680
5	8390-8380
6	8206-8116
7	8034-8020
8	8014-8008
9	7926-7742
10	3510-3518

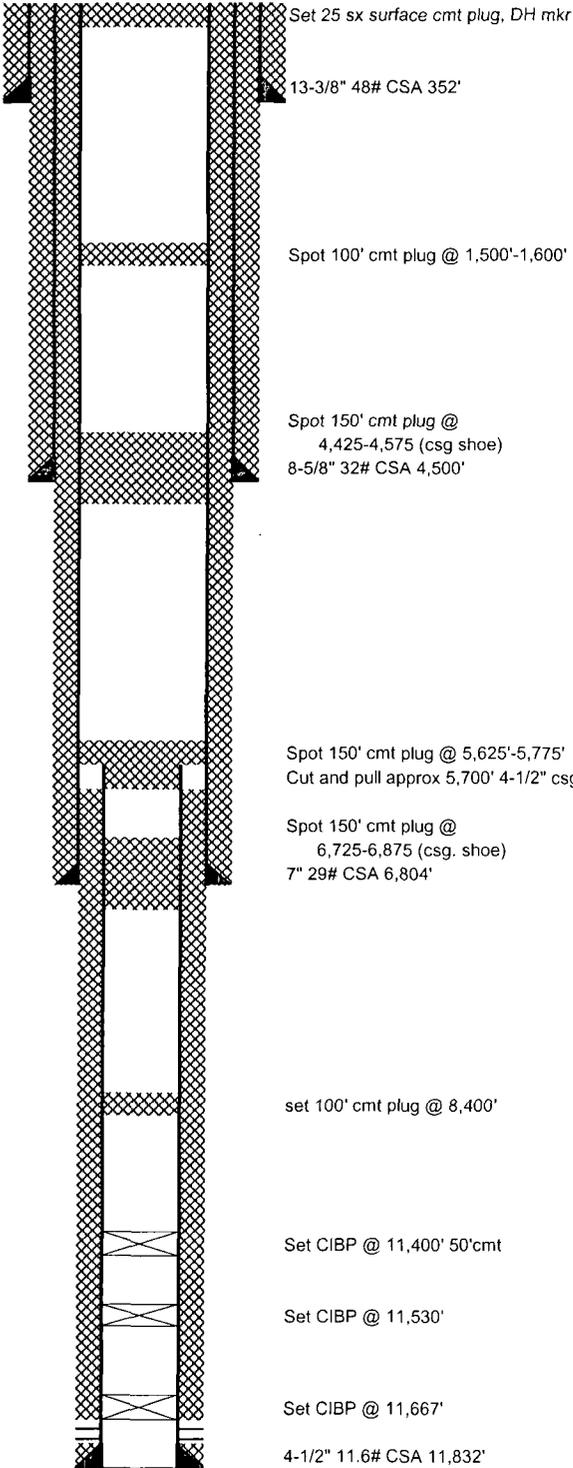
CIBP @ 3,454, 35' cmt
 150' cmt plug across the perfs 3,510'-3,518'
 CIBP @ 3,610', 9 sx cmt
 8-5/8" 24# & 32# CSA 3,622'
 120' cmt plug @ 3,673'
 200' cmt plug @ 4,400'
 107' cmt plug @ 5,135'
 Cut and pull 7,500' csg, 43 sx cmt
 CIBP @ 7,700', 35' cmt
 CIBP @ 8,000', 35' cmt
 CIBP @ 8,105', 35' cmt
 CIBP @ 8,370', 35' cmt
 CIBP @ 8,650', 35' cmt
 CIBP @ 8,860', 35' cmt
 CIBP @ 9,240', 35' cmt
 CIBP @ 9,350', 30' cmt
 5-1/2" 17# CSA 9,611'
 100' cmt plug @ 9,917'
 100' cmt plug @ 11,052'
 100' cmt plug @ 11,276'

Total Depth: 11,770
 PBTD: 8,000

Harvey E. Yates Company

WELL NAME: POWER DEEP 31 FED COM 01 SPUD DATE: 4/18/2001 API# 30015315720000
 FIELD: NORTH SHUGART RIG RELEASE: 6/25/2001
 PROJECT AREA:
 COUNTY/STATE: EDDY CO., NM
 LOCATION: SL: UNIT M, SEC 32 17S 31E, 660' FSL 660' FEL
 BHL: _____

KB: _____ GL: _____



SURFACE CASING:
 DEPTH: 352' SIZE: 13-3/8" WT: 48# GRADE: _____ BIT SIZE: 17-1/2"
 CEMENT: 1,045 sxs cmt circ

INTERMEDIATE CASING:
 DEPTH: 4,500' SIZE: 8-5/8" WT: 32# GRADE: _____ BIT SIZE: 12-1/4"
 CEMENT: 2,850 sxs cmt circ

INTERMEDIATE CASING:
 DEPTH: 6,804 SIZE: 7" WT: 29# GRADE: _____ BIT SIZE: 7-7/8"
 CEMENT: 500 sxs cmt

PRODUCTION CASING:
 DEPTH: 11,832' SIZE: 4-1/2" WT: 11.6# GRADE: _____ BIT SIZE: 6"
 CEMENT: 500 sxs cmt, TOC 5,860'

Spot 150' cmt plug @ 5,625'-5,775'
 Cut and pull approx 5,700' 4-1/2" csg

Spot 150' cmt plug @ 6,725-6,875 (csg. shoe)
 7" 29# CSA 6,804'

set 100' cmt plug @ 8,400'

Set CIBP @ 11,400' 50'cmt

Set CIBP @ 11,530'

Set CIBP @ 11,667'

PERFS (ft.)
 1 11,686'-11,703'

4-1/2" 11.6# CSA 11,832'

Total Depth: 11,832'
 PBTD: 11,767'



Catalyst Oilfield Services
 11999 E Hwy 158
 Gardendale, TX 79758
 (432) 563-0727
 Fax: (432) 224-1038

Water Analysis Report

Customer: Burnett Oil Company Sample #: 1405
 Area: Loco Hills Analysis ID #: 3578
 Lease: GJSAU
 Location: water flood plant 0
 Sample Point: Wellhead

Sampling Date:	3/24/2010	Anions	mg/l	meq/l	Cations	mg/l	meq/l
Analysis Date:	3/26/2010	Chloride:	118097.6	3331.1	Sodium:	61470.0	2673.79
Analyst:	Catalyst	Bicarbonate:	256.2	4.2	Magnesium:	2083.0	171.36
TDS (mg/l or g/m3):	194094.1	Carbonate:			Calcium:	9668.0	482.44
Density (g/cm3):	1.134	Sulfate:	1200.0	24.98	Strontium:	251.3	5.74
Hydrogen Sulfide:	0				Barium:	6.0	0.09
Carbon Dioxide:	100				Iron:	0.0	0.
Comments:					Manganese:	0.000	0.
		pH at time of sampling:		6.1			
		pH at time of analysis:					
		pH used in Calculation:		6.1			
		Temperature @ lab conditions (F):		75	Conductivity (micro-ohms/cm):		136400
					Resistivity (ohm meter):		.0733

Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl

Temp	Calcite CaCO ₃		Gypsum CaSO ₄ ·2H ₂ O		Anhydrite CaSO ₄		Celestite SrSO ₄		Barite BaSO ₄	
	°F	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index
80	0.21	9.30	-0.04	0.00	-0.02	0.00	0.04	11.91	1.52	3.20
100	0.29	12.78	-0.11	0.00	-0.02	0.00	0.02	5.23	1.33	2.91
120	0.38	16.56	-0.17	0.00	0.00	0.00	0.01	2.03	1.15	2.91
140	0.47	20.34	-0.22	0.00	0.04	47.93	0.01	2.03	1.00	2.91
160	0.57	24.40	-0.26	0.00	0.11	110.40	0.01	4.07	0.88	2.61
180	0.67	28.18	-0.29	0.00	0.18	177.50	0.03	7.84	0.77	2.61
200	0.77	32.25	-0.32	0.00	0.28	242.58	0.04	12.78	0.68	2.61
220	0.88	36.31	-0.34	0.00	0.38	301.26	0.06	18.30	0.61	2.32



April 9, 2010

BLM
320 East Greene St.
Carlsbad, NM 88220
Attn: Right of Way Dept

RE: Notice of SWD Application
Burnett Oil Co., Inc.
Eddy Co., N.M.

To whom it may concern:

Enclosed is a copy of Oil Conversation Division Form C-108 (Application for Authorization to Inject) for Burnett Oil Co., Inc. Power 31 Federal #3 SWD. You are being provided a copy of the application as an offset operator, offset leaseholder or surface owner. Burnett purposes to re-enter the subject well and convert to a disposal well, injection to occur into the Wolfcamp formation through perforations from 8548'-9400'. This is only a notice. No action is needed unless you have questions or objections.

Objections must be filed with the Oil Conversation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, within 15 days.

Thank you for your cooperation in this matter.

Sincerely,

Mark A. Jacoby
Engineering Manager



April 9, 2010

Devon Energy Corp
20 N. Broadway
Oklahoma City, OK 73102-8260

RE: Notice of SWD Application
Burnett Oil Co., Inc.
Eddy Co., N.M.

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Thank you for your cooperation in this matter.

Sincerely,

Mark A. Jacoby
Engineering Manager



April 9, 2010

Harvey Yates Co.
Box 1933
Roswell, NM 88202-1933

RE: Notice of SWD Application
Burnett Oil Co., Inc.
Eddy Co., N.M.

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Thank you for your cooperation in this matter.

Sincerely,

Mark A. Jacoby
Engineering Manager

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Devon Energy Corp.
 20 N. Broadway
 Oklahoma City, OK
 73102-8260

2. Article Number

(Transfer from service label)

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

- Agent
- Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

3. Service Type

- Certified Mail
- Registered
- Insured Mail
- Express Mail
- Return Receipt for Merchandise
- C.O.D.

4. Restricted Delivery? (Extra Fee)

Yes

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

UNITED STATES POSTAL SERVICE



First-Class Mail
 Postage & Fees Paid
 USPS
 Permit No. G-10

• Sender: Please print your name, address, and ZIP+4 in this box •

Mark Jacoby
 40 Burnett Oil Co. Inc.
 801 Cherry St.
 Suite 1500
 Fort Worth, TX 76102-6881

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Harvey Yates Co.
 PO Box 1933
 Roswell, NM 88202-1933

2. Article Number

(Transfer from service label)

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

- Agent
- Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

3. Service Type

- Certified Mail
- Registered
- Insured Mail
- Express Mail
- Return Receipt for Merchandise
- C.O.D.

4. Restricted Delivery? (Extra Fee)

Yes

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

UNITED STATES POSTAL SERVICE



First-Class Mail
 Postage & Fees Paid
 USPS
 Permit No. G-10

• Sender: Please print your name, address, and ZIP+4 in this box •

Mark Jacoby
 % Burnett Oil Co. Inc.
 801 Cherry St.
 Suite 1500
 Fort Worth, TX 76102-6881

STATE OF NEW MEXICO

County of Eddy:

GARY D. SCOTT being duly

sworn,says: That he is the PUBLISHER of The

Artesia Daily Press, a daily newspaper of general circulation, published in English at Artesia, said county and county and state, and that the here to attached

Legal Notice

was published in a regular and entire issue of the said Artesia Daily Press, a daily newspaper duly qualified for that purpose within the meaning of Chapter 167 of the 1937 Session Laws of the state of New Mexico for 1 Consecutive week/days on the same

day as follows:

- First Publication April 9, 2010
- Second Publication _____
- Third Publication _____
- Fourth Publication _____
- Fifth Publication _____

Subscribed and sworn to before me this 9 Day April 2010



OFFICIAL SEAL
Jo Morgan
NOTARY PUBLIC STATE OF NEW MEXICO

My commission expires: 6/6/2012

Jo Morgan
Jo Morgan

Notary Public, Eddy County, New Mexico

LEGAL NOTICE

Legal Notice
Burnett Oil Co. Inc. is applying to re-enter the Power 31 Federal #3 and convert to SWD. The well is located at 1980 FNL & 660 FEL, Sec. 31, T17S, R31E, Eddy Co., NM. The well will dispose of water produced from oil and gas wells into the Wolfcamp zone at a depth of 8540' to 9400' at a maximum rate of 10,000 barrels of water per day and at a maximum pressure of 1700 psi. Interested must file objections or requests for hearing with the NM Oil Conservation

Division, 1220 South Saint Francis Dr., Santa Fe, NM within 15 days. Additional information can be obtained by contacting Mark Jacoby at Burnett Oil at Burnett Plaza - Suite 1500, 801 Cherry Street - Unit #9, Ft. Worth, Tx 76102, phone 817-332-5108. Published in the Artesia Daily Press, Artesia, NM April 9, 2010. Legal No. 21099

Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Tuesday, May 04, 2010 3:21 PM
To: 'Mark Jacoby'
Cc: Ezeanyim, Richard, EMNRD; Dade, Randy, EMNRD; Reeves, Jacqueta, EMNRD; Wesley_Ingram@blm.gov
Subject: Disposal application from Burnett Oil Co., Inc.: Power 31 Fed #3 30-015-31806 Wolfcamp Reef Disposal

Hello Mark:

After reviewing your application, just a few questions or requests:

- a. If you can find any windmills or other fresh water sources within 1 mile of this well, please send a fresh water analysis.
- b. Send a copy of proof of notice to the BLM.
- c. Has the BLM sent any comments concerning this application?
- d. Have you any feedback from our Artesia office?
- e. Devon and Heyco were noticed, but there were no details about where they control acreage. For all applications requiring formal notice, we have been asking for details on what "affected party" owns the minerals at what location. Please ask your landman to determine who controls the Wolfcamp minerals in:
 - a. Unit Letter M of Section 29
 - b. Unit Letters O and P of Section 30
 - c. W/2 of Section 32
 - d. Area within Section 31 inside the ½ mile AOR circle.

Thank You,



William V Jones

Engineering Bureau, Oil Conservation Division
Energy, Minerals & Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505
Tel 505.476.3448 ~ Fax 505.476.3462

Jones, William V., EMNRD

From: Roger_Hall@blm.gov
Sent: Monday, April 26, 2010 8:48 AM
To: Jones, William V., EMNRD; Roger_Hall@blm.gov
Subject: RE: Review of the SWD application for BOPCO's - Poker Lake Unit #213 SWD and the Burnett Oil Co's - Power 31 Federal #3 SWD.
Attachments: SWD Appl's- Burnett - Power 31 Federal #3 SWD & BOPCO's - PLU #213 SWD.docx

Mr. Jones,

BLM does not have any objection to the above wells being used for SWD. I have attached the comments on the SWD applications. Hope you are having a good Monday!

Roger G. Hall
Petroleum Engineer
BLM/Carlsbad Field Office
(575)234-2231
Roger_Hall@nm.blm.gov

Confidentiality Notice: This e-mail, including all attachments is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited unless specifically provided under the New Mexico Inspection of Public Records Act. If you are not the intended recipient, please contact the sender and destroy all copies of this message. -- This email has been scanned by the Sybari - Antigen Email System.

April 26, 2010

RE: Class II SWD injection well application for BOPCO, L.P.'s **Poker Lake Unit Well #213**, 860' FSL & 660' FEL (Ut P) Section 18-24S-30E, Eddy County, New Mexico; API No. 3001533859. This well is located in the Secretary's Potash area. They intend to convert the Delaware producing well to a produced water injection well into the Delaware/Bone Spring, Avalon Sd (7038-7460 ft) at an average injection rate of 2000 BWPD/ 2500 BWPD maximum at an average injection pressure of 1357 psi/ 1408 psi maximum (0.20 psi/ft). They did not say for EOR purposes; but I would assume that is their intent. The source of the disposal water will be wells in the area operated by BOPCO, L.P. that produce from the Delaware formation.

Comments: The well is in Secretary's Potash, but is over a mile outside open mine workings. From an engineering standpoint the well seems to be structurally sound for conversion purposes. The well has 8-5/8 inch surface casing set at 454 ft with cement circulated to surface and 5-1/2 inch longstring casing set at 7596 ft with cement circulated to surface. All the wells (12) in the ½ mile area of review that penetrate the injection zone are adequately constructed. The operators well schematic shows the well with 2-7/8" J-55 Seal Tite IPC tubing with a 5-1/2" nickel plated Lokset packer set at 7370 ft. They mention that initially they intend to inject in the Avalon perfs (7388-7460') and add the upper perfs (7038-7289') later. This would be fine but the diagram shows existing Delaware perfs from 7194-7204' and 7279-7289'. This would mean that the packer would need to be set at approximately +/- 7100 ft and at approximately +/- 7000 ft if they intend to inject starting at 7038 ft. With the packer set at 7370 ft the well would not pass a conventional MIT with open perfs above the packer.

RE : Class II SWD injection well application for Burnett Oil Company's **Power 31 Federal #3** SWD, 1980' FNL & 660' FEL (Ut H) SE NE Section 31-17S-31E, Eddy County, New Mexico; API No. 3001531806. They intend to renter and convert this P&A, former Morrow and Wolfcamp producing well to a produced water injection well into the existing Wolfcamp perfs (8548-8588 ft) and adding Wolfcamp Reef; selectively perforating from 8800-9400 ft at an injection rate of 10000 BWPD at an injection pressure range of 800-1250 psi (0.15 psi/ft). This will be injected through 3-1/2 inch 9.3# L-80 Ultra FJ Ceramkote coated tubing set on an Arrowset I PSA packer at approximately 8450 ft. The source of the disposal water will be wells in the area operated by Burnett Oil Company that produce from the Yeso, San Andres, Grayburg, Queen and 7 Rivers formations.

Comments: From an engineering standpoint the well seems to be structurally sound for conversion purposes. The well has 13-3/8 inch surface casing at 520 ft with cement circulated to surface, 8-5/8 inch intermediate at 3920 ft with cement circulated to surface and 5-1/2 inch longstring casing at 11875 ft with TOC at 2916 ft (CBL). The 3 wells in the ½ mile area of review that penetrate the injection zone are adequately constructed. One well approximately 5442 ft from the subject well, the EL Paso St #1, 660'FNL & 600' FEL Section 36-17S-30E is plugged OK across the lower part of the well from 7550-11861 ft. The upper part does not have

Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Tuesday, May 04, 2010 3:21 PM
To: 'Mark Jacoby'
Cc: Ezeanyim, Richard, EMNRD; Dade, Randy, EMNRD; Reeves, Jacqueta, EMNRD; Wesley_Ingram@blm.gov
Subject: Disposal application from Burnett Oil Co., Inc.: Power 31 Fed #3 30-015-31806 Wolfcamp Reef Disposal

Hello Mark:

After reviewing your application, just a few questions or requests:

- a. If you can find any windmills or other fresh water sources within 1 mile of this well, please send a fresh water analysis.
- b. Send a copy of proof of notice to the BLM.
- c. Has the BLM sent any comments concerning this application?
- d. Have you any feedback from our Artesia office?
- e. Devon and Heyco were noticed, but there were no details about where they control acreage. For all applications requiring formal notice, we have been asking for details on what "affected party" owns the minerals at what location. Please ask your landman to determine who controls the Wolfcamp minerals in:
 - a. Unit Letter M of Section 29
 - b. Unit Letters O and P of Section 30
 - c. W/2 of Section 32
 - d. Area within Section 31 inside the ½ mile AOR circle.

Thank You,



William V Jones

Engineering Bureau, Oil Conservation Division
Energy, Minerals & Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505
Tel 505.476.3448 ~ Fax 505.476.3462

*No feedback
as of 6/2/10*

Tracking:

Recipient

'Mark Jacoby'

Ezeanyim, Richard, EMNRD

Dade, Randy, EMNRD

Reeves, Jacqueta, EMNRD

Wesley_Ingram@blm.gov

Read

Read: 5/5/2010 8:34 AM

Read: 5/4/2010 3:30 PM

100521 Re Burnett Oil Filing for Power 31 Fed #3 SWD application.txt
From: Wesley_Ingram@blm.gov
Sent: Friday, May 21, 2010 11:59 AM
To: Mark Jacoby
Subject: Re: Burnett Oil Filing for Power 31 Fed #3 SWD application

Mark,

The document is here and engineering has reviewed.
Am I understanding correctly that you have typed in the green card number online and there is no record of the document being received by the BLM.

Thanks, Wesley

"Mark Jacoby"
<mjacoby@burnetto
il.com>

05/20/2010 03:25
PM

<Wesley_Ingram@nm.blm.gov>

To

cc

Subject
Burnett Oil Filing for Power 31 Fed
#3 SWD application

Wesley,

We cannot find that Burnett ever received the green receipt that BLM Carlsbad received by Certified Mail the Application for SWD which was mailed by Burnett on April 9, 2010.

We have checked US Mail and they do not have a record of it. Can you check or forward this to the appropriate person in BLM office who could see if you received our application? I am delinquent in asking this, received an email from Will Jones, engr in OCD Santa Fe with a few notes of additional info he needs, one of which is notice of BLM receipt so we began looking and it appears BLM maybe did not receive.

Thank you much for your help.

Mark A Jacoby
Engineering Manager
Burnett Oil Co., Inc.
Burnett Plaza - Suite 1500
801 Cherry Street - Unit #9
Ft. Worth, Tx 76102-6881

Office: 817-332-5108
Cell: 817-312-2751

Jones, William V., EMNRD

From: Mark Jacoby [mjacoby@burnettoil.com]
Sent: Thursday, July 01, 2010 4:04 PM
To: Jones, William V., EMNRD
Subject: RE: Disposal application from Burnett Oil Co., Inc.: Power 31 Fed #3 30-015-31806
Wolfcamp Reef Disposal
Attachments: 100521 Re Burnett Oil Filing for Power 31 Fed #3 SWD application.txt

Will,

We just received the answer to e. below so I will answer each question/request in order:

a. We drove and searched all the area within 1 mile of this well and did not find any fresh water sources.

b. Attached is a note I received back from Wesley Ingram, Supv Petr Engr at BLM, Carlsbad, stating receipt of the C108 filing. For some reason BOCI did not receive a record from mail that BLM had received.

c. BLM comments: see the attached email comments from the lead Petroleum Engineer at BLM.

d. Feedback from Artesia office: I have been unable to get any email or phone call backs from Randy Dade or Jackie Reeves regarding the C108. Eddie

Seay does contract work for us, so I asked him if he could check on it...he told me Jackie had been in a car wreck and was out of office for a while and he knew that Paul Kraus in Hobbs had 'filled in' for Jackie so he asked Paul about it. Paul found the application and reviewed and told Eddie that it looked good to him, that he agreed with our geologic interpretations on Wolfcamp Reef tops etc. He said if you have some questions to call him and he can fill in the details of your questions.

e. Listed below is the information from our landman giving the Wolfcamp minerals ownership in same order you listed:

- a. Unit Letter M of Section 29 - Paloma Resources, Roswell, NM
- b. Unit Letters O and P of Section 30 - 50% Marbob Energy, Artesia, NM
- 50% Pitch Energy, Artesia, NM

c. W/2 of Section 32 - Harvey E. Yates Co., Roswell, NM
N/2 NE/4, SW/4 NE/4, NW/4 NW/4, S/2 NW/4, NE/4 NW/4 (3735' to all depths) - Jalapeno Corp., Albuquerque, NM

- d. Area within Section 31 inside the 1/2 mile AOR circle:
N/2, N/2 SW/4 - Open
S/2 SW/4, SE/4 - HBP Burlington Res. O & G L.P., Midland, Tx.

Will, I think this addresses each of your questions/requests. It has taken me awhile to get the final item, the land info, but I am very interested in getting this SWD approved. The other appropriate filings for ROW, the reentry APD with BLM, the reentry with OCD in District office have all been filed. Please let me know if you need other info. I re-read the C108 directions regarding noticing offsets, and the language is leasehold operators so I believe we have satisfied that requirement since the other interest owners listed above are not operating production in each of their respective areas.

Thank you for your consideration. We look forward to receiving approval for this SWD.

Mark A Jacoby
Engineering Manager
Burnett Oil Co., Inc.

Burnett Plaza - Suite 1500
801 Cherry Street - Unit #9
Ft. Worth, Tx 76102-6881

Office: 817-332-5108
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Wesley_Ingram@blm.gov
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Wolfcamp Reef Disposal

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Thank You,

William V Jones <<mailto:William.V.Jones@State.NM.US>>

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Thank You,

William V Jones <<mailto:William.V.Jones@State.NM.US>>

Engineering Bureau, Oil Conservation Division

Energy, Minerals & Natural Resources Department

1220 South St. Francis Drive

Santa Fe, NM 87505

Tel 505.476.3448 ~ Fax 505.476.3462

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Checked by AVG - www.avg.com

Version: 9.0.837 / Virus Database: 271.1.1/2955 - Release Date: 06/22/10 01:36:00

Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Friday, July 02, 2010 9:03 AM
To: 'Mark Jacoby'
Cc: Brooks, David K., EMNRD
Subject: RE: Disposal application from Burnett Oil Co., Inc.: Power 31 Fed #3 30-015-31806
Wolfcamp Reef Disposal

C. J. Jones
7/2/10

Hello Mark:
Thanks for sending this.

The language in the form C-108 is incorrect and needs to be updated to reflect the actual rule - which does change from time to time. The C-108 form is ancient and evolved with the sharks in the Cretaceous seaways and has not changed since (I may be exaggerating a bit...) The fact that this form is frozen in place while the actual rule changes is unfortunate and always causes problems especially from operators who only occasionally send in applications for disposal or injection.

A link to the Division rules and the actual language of the Injection Rule (Part 26) concerning "notice" is copied below:

<http://www.emnrd.state.nm.us/ocd/documents/20098-5currentrules-new17and39.pdf>

19.15.26.7 DEFINITIONS:

A. **"Affected person"** means the division designated operator; in the absence of an operator, a lessee whose interest is evidenced by a written conveyance document either of record or known to the applicant as of the date the applicant files the application; or in the absence of an operator or lessee, a mineral interest owner whose interest is evidenced by a written conveyance document either of record or known to the applicant as of the date the applicant filed the application for permit to inject.

B. Method of making application.

(2) The applicant shall furnish, by certified or registered mail, a copy of the application to each owner of the land surface on which each injection or disposal well is to be located and to each leasehold operator or other **affected person** within any tract wholly or partially contained within one-half mile of the well.

C. Administrative approval.

(1) If the application is for administrative approval rather than for a hearing, it shall be accompanied by a copy of a legal notice the applicant published in a newspaper of general circulation in the county in which the proposed injection well is located....

Based on that Rule and going by your application and the recent Landman report, the following parties should be noticed:

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- d. Jalapeno
- e. Heyco (already noticed)
- f. Pitch Energy
- g. Paloma Resources

- h. Marbob Energy
- i. The mineral interest owners in the "Open" acreage in the N/2 and N/2 SW/4 of Section 31. Please ask your Landman who are the mineral interest owners in that "open" acreage, and send out notice to each person.

Thanks Again,

Will Jones
New Mexico
Oil Conservation Division
Images Contacts

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From: Mark Jacoby [mailto:mjacoby@burnettoil.com]
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N/2 NE/4, SW/4 NE/4, NW/4 NW/4, S/2 NW/4, NE/4 NW/4 (3735' to all depths) - Jalapeno Corp., Albuquerque, NM
 - d. Area within Section 31 inside the 1/2 mile AOR circle:
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Will, I think this addresses each of your questions/requests. It has taken me awhile to get the final item, the land info, but I am very interested in getting this SWD approved. The

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Thank you for your consideration. We look forward to receiving approval for this SWD.

Mark A Jacoby
Engineering Manager
Burnett Oil Co., Inc.
Burnett Plaza - Suite 1500
801 Cherry Street - Unit #9
Ft. Worth, Tx 76102-6881

Office: 817-332-5108

Cell: 817-312-2751

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Sent: Tuesday, May 04, 2010 4:21 PM

To: Mark Jacoby

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Wesley_Ingram@blm.gov

Subject: Disposal application from Burnett Oil Co., Inc.: Power 31 Fed #3 30-015-31806

Wolfcamp Reef Disposal

Hello Mark:

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Thank You,

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Engineering Bureau, Oil Conservation Division

Energy, Minerals & Natural Resources Department

1220 South St. Francis Drive

Santa Fe, NM 87505

Tel 505.476.3448 ~ Fax 505.476.3462

Jones, William V., EMNRD

From: Mark Jacoby [mjacoby@burnettoil.com]
Sent: Wednesday, July 14, 2010 10:17 AM
To: Jones, William V., EMNRD
Subject: RE: Disposal application from Burnett Oil Co., Inc.: Power 31 Fed #3 30-015-31806
Wolfcamp Reef Disposal

Good Morning Will,

In follow up to your email below, we have noticed each party listed that had not been noticed previously. The last item i. regarding mineral interest owners in the N/2 and N/2 SW/4 of Section 31 – all of this, actually all of Section 31, is Federal subsurface ownership.

We are getting receipts back from the notice letters mailed as noted here. As soon as we receive all of these, we will mail them to you to make the filing complete.

I am anxious to receive approval for SWD in this well.

Thank you much!

Mark A Jacoby

Engineering Manager
Burnett Oil Co., Inc.
Burnett Plaza - Suite 1500
801 Cherry Street - Unit #9
Ft. Worth, Tx 76102-6881

Office: 817-332-5108

Cell: 817-312-2751

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written conveyance document either of record or known to the applicant as of the date the applicant files the application; or in the absence of an operator or Lessee, a mineral interest owner whose interest is evidenced by a written conveyance document either of record or known to the applicant as of the date the applicant filed the application for permit to inject.

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Thanks Again,

Will Jones
New Mexico
Oil Conservation Division
Images Contacts

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Will,
We just received the answer to e. below so I will answer each question/request in order:

- a. We drove and searched all the area within 1 mile of this well and did not find any fresh water sources.

Jones, William V., EMNRD

From: Christy Keeton [ckeeton@burnettoil.com]
Sent: Wednesday, July 21, 2010 10:15 AM
To: Jones, William V., EMNRD
Cc: Mark Jacoby
Subject: BOCI Application for Injection
Attachments: BOCI Nofications.pdf

Will,

Please see the attached file.

The following have been notified of Burnett Application for Injection

Burlington Resources (originally notified by certified mail 07/06/2010, returned to BOCI 07/09/2010) Re-sent to new address 07/20/2010, spoke with Tom Scarborough (07/20)

Jalapeno Corp notified by certified mail 07/13/2010

Pitch Energy notified by certified mail 07/14/2010

Marbob Energy notified by certified mail 07/13/2010

Paloma Resources Inc. notified by certified mail 07/21/2010, spoke with Charles Foster (07/21)

Thank you for your help.

Sincerely,

Christy Keeton

Engineering Technician
Burnett Oil Co., Inc.



Burnett Plaza - Suite 1500
Fort Worth, TX 76102-6881
817-332-5108 ext 6328

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		<p>A. Signature <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p><i>Jun Barack</i></p>	
<p>1. Article Addressed to:</p> <p>Jalapeno Corp. 1429 Central Ave NE Albuquerque, NM 87104-1118</p>		<p>B. Received by (Printed Name) <i>Jun Barack</i></p> <p>C. Date of Delivery <i>7/13/10</i></p>	
<p>7-6-10</p>		<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If YES, enter delivery address below:</p>	
<p>2. Article Number (Transfer from service label) 7008 0500 0000 4381 9993</p>		<p>RECEIVED</p> <p>JUL 15 2010</p>	
<p>PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540</p>		<p>3. Service Type</p> <p><input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail</p> <p><input checked="" type="checkbox"/> Registered <input checked="" type="checkbox"/> Return Receipt for Merchandise</p> <p><input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p>	
		<p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>	

<p>U.S. Postal Service™ CERTIFIED MAIL™ RECEIPT (Domestic Mail Only, No Insurance Coverage Provided)</p> <p>For delivery information visit our website at www.usps.com</p>		<p>OFFICIAL USE</p>	
Postage \$	Certified Fee	Return Receipt Fee (Endorsement Required)	Restricted Delivery Fee (Endorsement Required)
Total Postage & Fees \$			7-20-10
<p>Sent to <i>Burlingame Resources</i></p> <p>Street, Apt. No. or PO Box No. <i>600 N. Dairy Ashford</i></p> <p>City, State, ZIP+4® <i>Houston, TX 77079</i></p>			

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		<p>A. Signature <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p><i>Kanda Robin</i></p>	
<p>1. Article Addressed to:</p> <p>Pitch Energy P.O. Box 227 Artesia, NM 88211</p>		<p>B. Received by (Printed Name) <i>Kanda Robin</i></p> <p>C. Date of Delivery <i>7/14/10</i></p>	
<p>7-7-10</p>		<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If YES, enter delivery address below:</p>	
<p>2. Article Number (Transfer from service label) 7008 0500 0000 4382 0005</p>		<p>RECEIVED</p> <p>JUL 14 2010</p>	
<p>PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540</p>		<p>3. Service Type</p> <p><input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail</p> <p><input type="checkbox"/> Registered <input checked="" type="checkbox"/> Return Receipt for Merchandise</p> <p><input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p>	
		<p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>	

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Postage \$	Certified Fee	Return Receipt Fee (Endorsement Required)	Restricted Delivery Fee (Endorsement Required)
Total Postage & Fees \$			7/16/10
<p>Sent to <i>Burlington Resources Oil & Gas</i></p> <p>Street, Apt. No. or PO Box No. <i>717 Jexas Ave</i></p> <p>City, State, ZIP+4® <i>Houston, TX 77002</i></p>			

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		<p>A. Signature <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p><i>Kanda Robin</i></p>	
<p>1. Article Addressed to:</p> <p>Marbob Energy 2208 W. main St. Artesia, NM 88210-3720</p>		<p>B. Received by (Printed Name) <i>Kanda Robin</i></p> <p>C. Date of Delivery <i>7-9-10</i></p>	
<p>7-6-10</p>		<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If YES, enter delivery address below:</p>	
<p>2. Article Number (Transfer from service label) 7008 0500 0000 4381 9962</p>		<p>RECEIVED</p> <p>JUL 13 2010</p>	
<p>PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540</p>		<p>3. Service Type</p> <p><input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail</p> <p><input type="checkbox"/> Registered <input checked="" type="checkbox"/> Return Receipt for Merchandise</p> <p><input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p>	
		<p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>	

<p>U.S. Postal Service™ CERTIFIED MAIL™ RECEIPT (Domestic Mail Only, No Insurance Coverage Provided)</p> <p>For delivery information visit our website at www.usps.com</p>		<p>OFFICIAL USE</p>	
Postage \$	Certified Fee	Return Receipt Fee (Endorsement Required)	Restricted Delivery Fee (Endorsement Required)
Total Postage & Fees \$			7-21-10
<p>Sent to <i>Paloma Resources, Attn: Charles Foster</i></p> <p>Street, Apt. No. or PO Box No. <i>103 E. Berrendo Rd.</i></p> <p>City, State, ZIP+4® <i>Roswell, NM 88201</i></p>			

Injection Permit Checklist (03/15/2010)

Case SWD 1230 WFX PMX IPI Permit Date 8/5/10 UIC Qtr (A11)

Wells 1 Well Name: Power 31 Fed #3 SWD

API Num: (30-) 015-31806 Spud Date: 8/13/01 New/Old: N (UIC primacy March 7, 1982)

Footages 1980FN/660FEL Unit A Sec 31 Tsp 175 Rge 31E County EDDY

Operator: Burnett OIL CO., INC. Contact Mark JACOBY

OGRID: 3080 RULE 5.9 Compliance (Wells) 5/174 (Finan Assur) OK IS 5.9 OK? OK (B analy)

Operator Address: 801 Cherry St. - UNIT #9 (Burnett Plaza - SUITE 1500) F. Worth TX 76102

Current Status: 3/24/04 P&AED Monar Test

Planned Work to Well: _____ Planned Tubing Size/Depth: 3 1/2 @ 8,450'

	Sizes Hole.....Pipe	Setting Depths	Cement Sx or Cf	Cement Top and Determination Method
Existing Surface	17 1/2 13 3/8	520	782	CIRC
Existing Intermediate	12 1/4 8 5/8	3920	1830	CIRC
Existing Long String	7 7/8 5 1/2	11875 (91185)	2095 CIRC	2916 CBL.

DV Tool 8718 Liner _____ Open Hole _____ Total Depth 11875

Well File Reviewed

Diagrams: Before Conversion After Conversion Elogs in Imaging File:

Intervals:	Depths	Formation	Producing (Yes/No)
Above (Name and Top)	7820	ABO	
Above (Name and Top)	8420	WC TOP	
Injection.....			
Interval TOP:	8540	WC Roof	NO
Interval BOTTOM:	9400	WC Roof	NO
Below (Name and Top)	9470	Pona Sand	
	10420	STRAWN	

GENERAL LOCATION
Cedar Lake
1 MILE FROM POTASH
1710 PSI Max. WHIP
 Open Hole (Y/N) OR
 Deviated Hole? _____

Sensitive Areas: Capitan Reel _____ Cliff House _____ Salt Depths 6203 1636

... Potash Area (R-111-P) _____ Potash Lessee _____ Noticed? _____

Fresh Water: Depths: 0-300' Wells 0 Analysis? _____ Affirmative Statement

Disposal Fluid Sources: Y200, SA, GBS, QN, TRURS Analysis? _____

Disposal Interval Production Potential/Testing/Analysis Analysis: Tested already

Notice: Newspaper (Y/N) Surface Owner BLM Mineral Owner(s) _____

RULE 26.7(A) Affected Parties: DEVON / H&CO / @

Area of Review: Adequate Map (Y/N) and Well List (Y/N)

1 Active Wells 0 Num Repairs — Producing in Injection Interval in AOR NO
 6 P&A Wells 2 Num Repairs 0 All Wellbore Diagrams Included?

Questions/Required Work: _____

Request Sent _____ Reply: _____
 Request Sent _____ Reply: _____
 Request Sent _____ Reply: _____

8548
 17096

others