

DATE IN 2-23-10	SUSPENSE	ENGINEER <i>Juner</i>	LOGGED IN 2-23-10	TYPE <i>SWD</i>	APP NO. 1005443342
-----------------	----------	-----------------------	-------------------	-----------------	--------------------

ABOVE THIS LINE FOR DIVISION USE ONLY

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



Cimarex

mail on 35 Feb #1

ADMINISTRATIVE APPLICATION CHECKLIST

30-625-32983

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.

Zeno Farris
Print or Type Name

Zeno Farris
Signature

Mgr Operations Admin
Title

2/19/10
Date

zfarris@cimarex.com
e-mail Address

200 FEB 23 A 11:35
 RECEIVED OGD
Conceder 3/9/10
Rule 5-9

600 N. Marienfeld St
Suite 600
Midland, TX 79701
432-620-1938 (phone)
432-620-1938 (fax)

Cimarex Energy Co. of Colorado

February 19, 2010

New Mexico Oil Conservation Division
1220 S. St. Francis Dr.
Santa Fe, NM 87505
Attn: Mr. Will V. Jones

RE: Mallon 35 Federal No. 1
30-025-32983
SWD Administrative Application

Dear Mr. Jones,

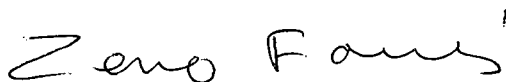
Enclosed is an original Form C-108 (Application for Authorization to Inject) for the well mentioned above.

This well is a current TA Delaware well. Cimarex proposes to add Seven Rivers perms at 3932' – 4404' and convert to a SWD well. There are no Seven Rivers producers in the area.

Proof of publication will be furnished upon receipt from the Hobbs Daily Sun. Proof of notice to operators in the area of review is attached.

If you have any questions or need further information, please call me at 432-620-1938.

Sincerely,



Zeno Farris
Manger Operations Administration

RECEIVED OOD
2010 FEB 23 A 11:36

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: _____ Secondary Recovery _____ Pressure Maintenance X Disposal _____ Storage
Application qualifies for administrative approval? _____ Yes _____ No
- II. OPERATOR: Cimarex Energy Co. of Colorado
ADDRESS: 600 N. Marienfeld St Suite 600; Midland, TX 79702
CONTACT PARTY: Zeno Farris PHONE: 432-620-1938
- 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 X 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: Zeno Farris TITLE: Manager Operations Administration
SIGNATURE: Zeno Farris DATE: February 19, 2010
E-MAIL ADDRESS: zfarris@cimarex.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.

INJECTION WELL DATA SHEET

OPERATOR: Cimarex Energy Co. of ColoradoWELL NAME & NUMBER: 660 FNL & 660 FWL D 35 19S 34EWELL LOCATION: 660 FNL & 660 FWL D 35 19S 34EWELLBORE SCHEMATICWELL CONSTRUCTION DATA
Surface CasingHole Size: 14 3/4" Casing Size: 9 5/8" 48# K-55 @ 1486'Cemented with: 1100 sx. or ft³Top of Cement: Surface Method Determined: CirculatedIntermediate CasingHole Size: Casing Size: Cemented with: sx. or ft³Top of Cement: Method Determined: Production CasingHole Size: 7 7/8" Casing Size: 5 1/2" 15.5/17# N80/K55 @ 6596'Cemented with: 1700 sx. or ft³Top of Cement: 260' Method Determined: CBLTotal Depth: 8330 TVD 5860' PBTD Injection Interval3932' , feet To 4404' , (Perforated or Open Hole; indicate which) Perforated

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" 4.7#, J-55 Lining Material: Nylon (IPC 101)

Type of Packer: 5 1/2" NC OD PCID AS-1X Pkr

Packer Setting Depth: +/- 3880' Within 100' of highest perforation

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? Oil well

2. Name of the Injection Formation: Seven Rivers

3. Name of Field or Pool (if applicable): Pearl Seven Rivers (Wildcat)

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.
See attached detail of completion and plugging records. Well was originally drilled as a Delaware test to 6613' PBTD with perfs @ 5904' - 6136'. TA w CIBP @ 5860' w 35' cement.

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:
Delaware (5644'), Queen (4562') Underlying Seven Rivers (3870') Overlying



CURRENT

Cimarex Energy Co. of Colorado

MALLON '35' FED #1

API 30-025-32983

660' FNL & 660' FWL, Sec 35, T19S R34E

Lea County, NM

GL 3715' KB 3724'

TOC 5 1/2" csg 260' *βγ c β L*

14 3/4" Hole to 1486'

9 5/8" 36# K-55 csg @ 1486'
Cmt w/1100 sx, clrc to surface

35' Cement plug from 5825' - 5860'
CIBP @ 5860'

Delaware Perfs:
5904' - 5922', 6103' - 6117', 6127' - 6135' (12/96)

5 1/2" 15.5 & 17# N80 & K55 @ 6596'
Cmt w/1700 sx TOC @ 260'.

40 sx cement plug 6613' - 6713'

Open Hole from 6713' - 8330'.

8 3/4" Hole to TD 8330'

PBTD: 5860'
TD: 8330'

M. Ketter 6/12/2009



Proposed New Perforations

Cimarex Energy Co. of Colorado

MALLON '35' FED #1

API 30-025-32983

660' FNL & 660' FWL, Sec 35, T19S R34E

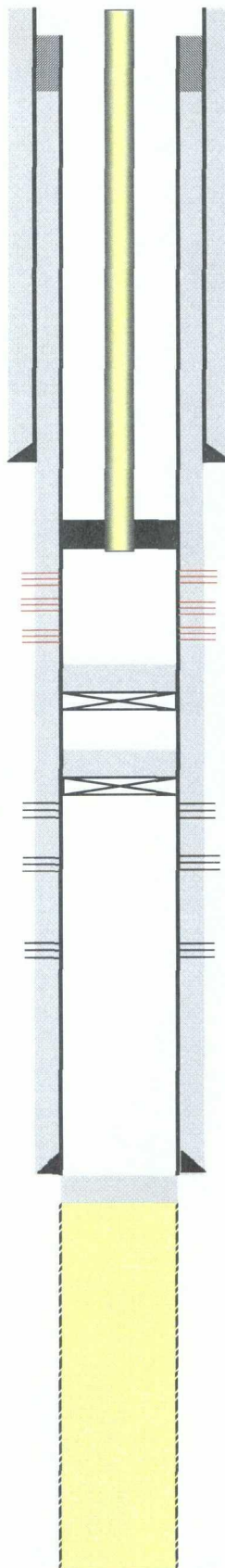
Lea County, NM

GL 3715' KB 3724'

9 5/8" 36# K-55 csg @ 1486'
Cmt w/1100 sx, circ to surface

5 1/2" 15.5 & 17# N80 & K55 @ 6596'
Cmt w/1700 sx TOC @ 260'.

40 sx cement plug 6613' - 6713'



TOC 5 1/2" csg 260'

14 3/4" Hole to 1486'

2-3/8" IPC tubing w/ AS-1X packer at +/-3880'

Proposed Seven Rivers Perfs:

3932'-3956', 4037'-4048', 4064'-4093',
4328'-4354', 4362'-4371', 4398'-4404'

35' Class C cement plug

CIBP @ 4600' (min 50' from top of Grayburg)

30 sx Class C cement plug

CIBP @ 5560' (min 50' from top of Delaware - 5606')

Delaware Perfs:

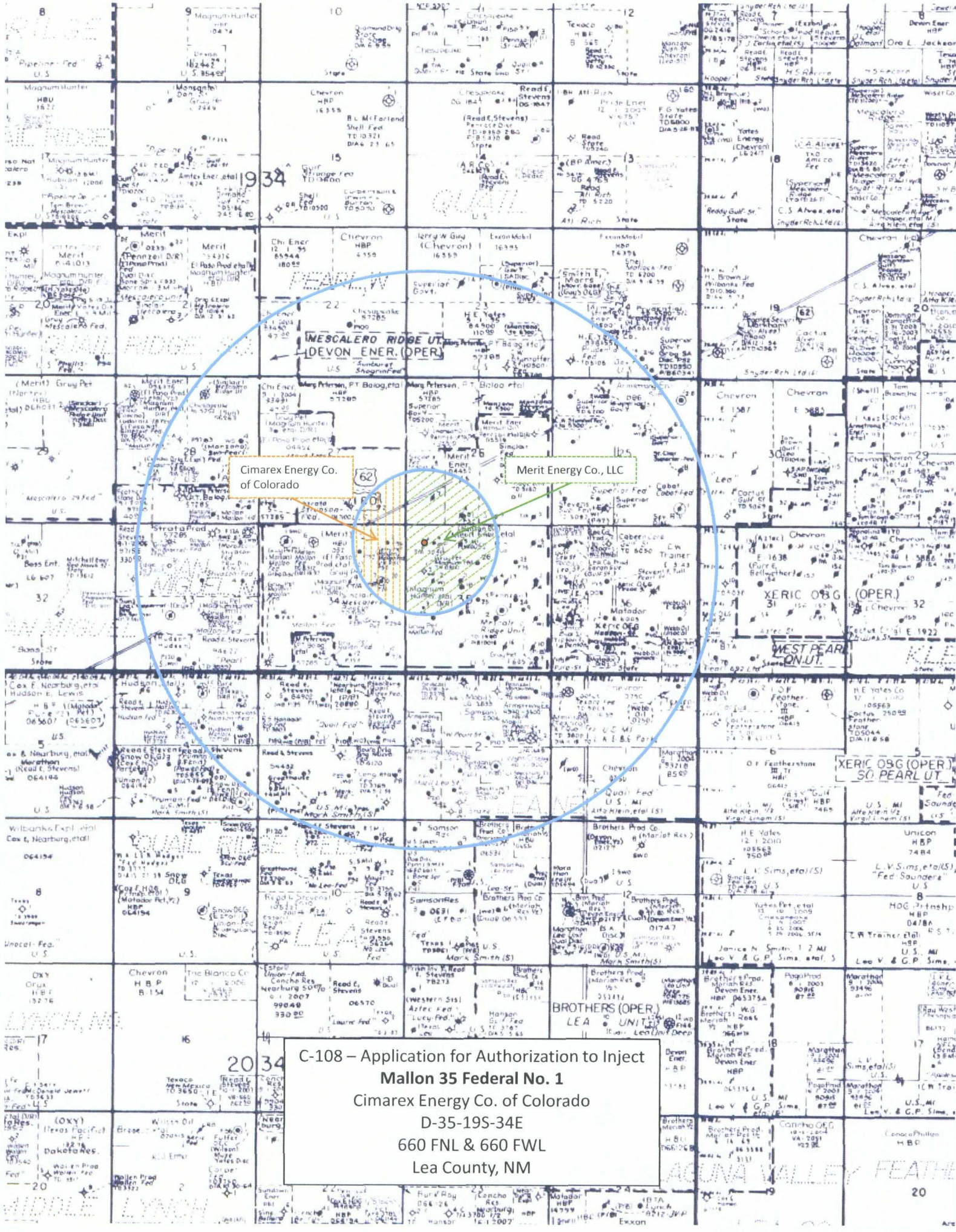
5904' - 5922', 6103' - 6117', 6127' - 6135' (12/96)

Open Hole from 6713' - 8330'.

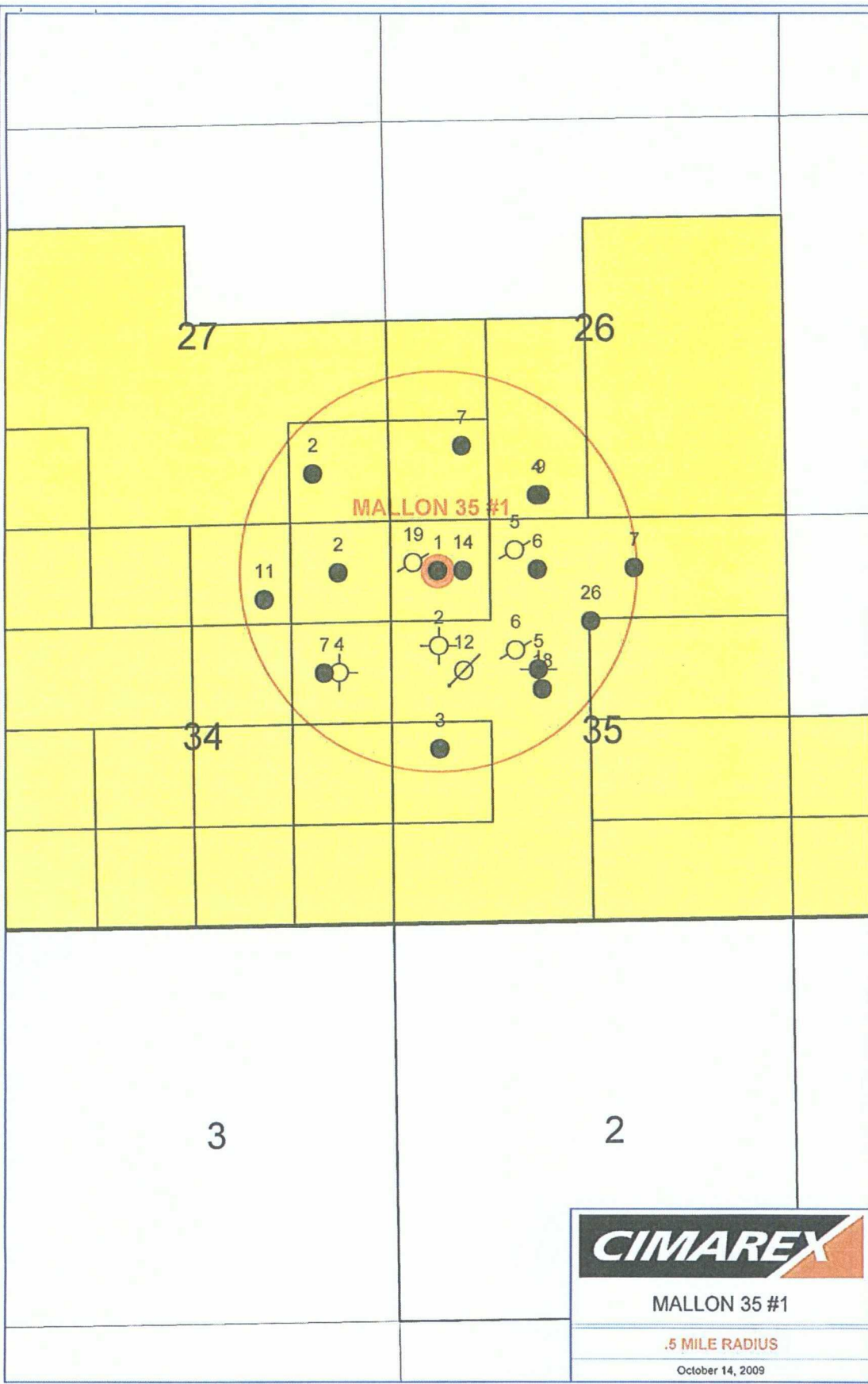
8 3/4" Hole to TD 8330'

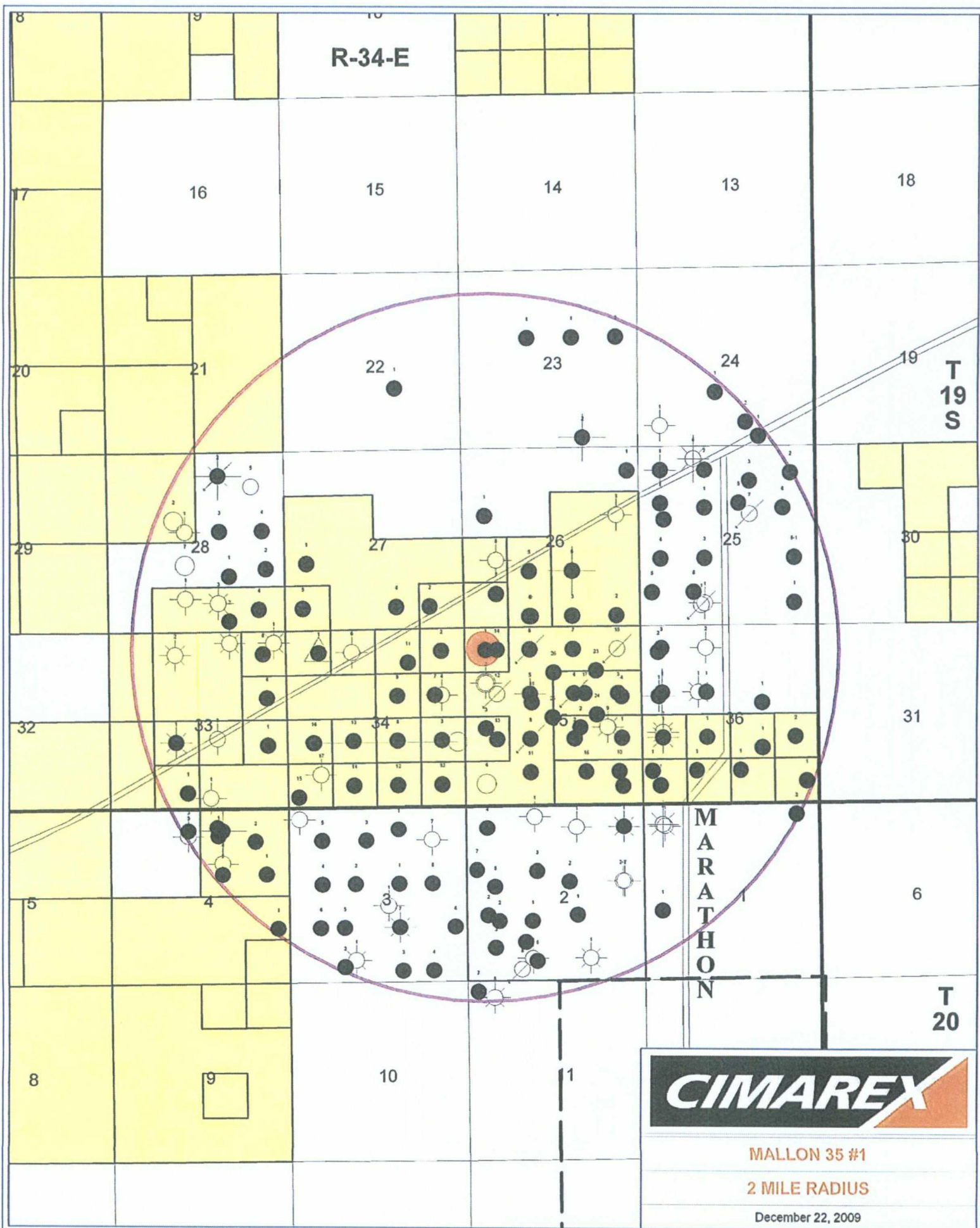
PBTD: 5860'
TD: 8330'

M. Ketter 9/30/2009



C-108 – Application for Authorization to Inject
Mallon 35 Federal No. 1
Cimarex Energy Co. of Colorado
D-35-19S-34E
660 FNL & 660 FWL
Lea County, NM





b. Maximum Injection Pressure: 786 psi
i. Until a fracture gradient is determined, maximum injection pressure will be based on a 0.2 psi/ft gradient

4. Sources or Appropriate Analysis of Injection Fluid

a. The source of the injection water will be produced water from Cimarex operated Bone Spring and Delaware wells in the area (see attached water analysis of representative wells.).

5. Analysis of disposal zone formation water

a. The nearest Seven Rivers production is to the West in the Tonto 7 Rivers pool. Attached is a representative sample of water analysis wells in that pool.

Section VIII – Geologic Data on Injection Zone

1. The injection interval 3932' – 4404' is in the Seven Rivers formation of the Permian System with dolomite sandstone lithology. The estimated top of the Seven Rivers formation is at 3870' while the bottom of the formation is at 4562'. Gross thickness is 692'.

2. The proposed SWD well is in the Lea County Water Basin and BLM geologic records indicate the deepest possible depth of usable quality ground water in the area is between 1030' and 1670' in the Santa Rosa and Dewey Lake members of the Chinle formation and the depth to bottom of the aquifer is confined by the Rustler Anhydrite beds at approximately 1795'. In addition the injection zone is in the sand and shale portion of the 7 Rivers and more than a mile away from the thick carbonate intervals of the 7 Rivers which is considered contiguous with the Capitan Reef. See attached map and log strip with thick carbonate intervals highlighted.

Section IX – Proposed stimulation program:

1. Mallon 35 Federal #1 SWD
 - a. Acidize with 10,000 gals 15% NEFE acid

Section X – Logs have previously been filed on the Mallon 35 Federal # 1

Section XI – Fresh water wells within one mile of proposed disposal well

1. There are no fresh water wells within one mile of the proposed disposal well.

Section XII – Statement of Hydrologic connection between disposal zone and underground sources of drinking water.

1. Based on available geologic and engineering data Cimarex finds no evidence of open faults or any other hydrologic connection between the disposal zone and underground sources of drinking water.

C-108 Attachment

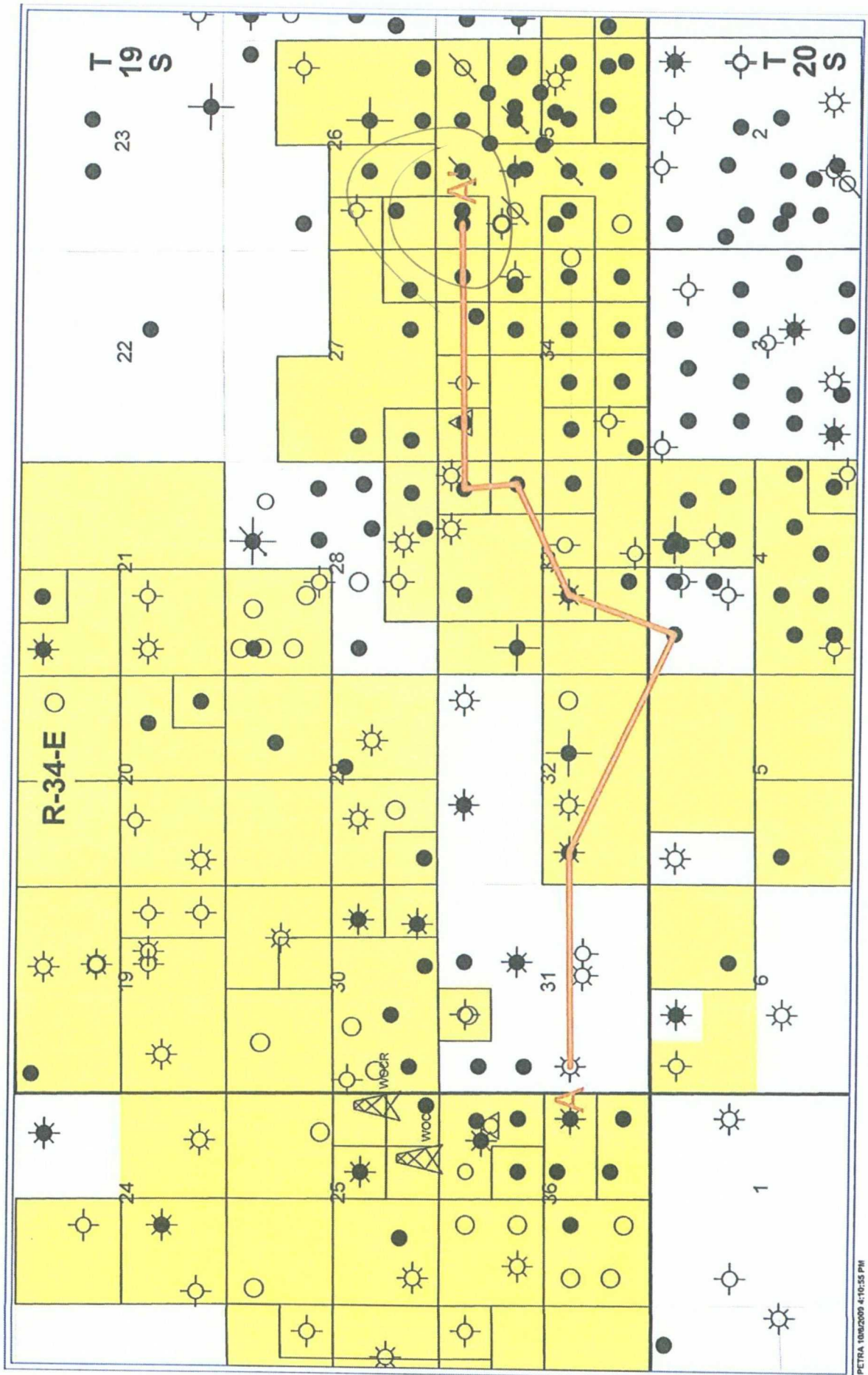
Section VI – There are sixteen wells within the area of review, which penetrated the injection interval. Eight plugged and Eight active wells. All active wells have at least 550' cement above proposed injection interval. See attached OCD well records.

1. The Merit Mescalero Ridge Unit 26 # 7, 990' FSL & 990' FWL Sec 26-19S-34S drilled to a depth of 5031' and produced from the Pearl Queen and later injected into the Pearl Queen-Penrose before being plugged on 09-17-98. See attached completion and PA information. *Washed to 2511'*
2. The Merit Mescalero Ridge Unit 26 # 9, 330' & 2030' FWL Sec 26-19S-34E drilled to a depth of 5218 with 5 1/2" casing cemented to surface and producing from the Pearl Queen. See attached completion information.
3. The Merit Mescalero Ridge Unit 26 # 4, 330' FSL & 1980' FWL Sec 26-19S-34E drilled to a depth of 5220' and produced from the Pearl Queen before being plugged on 11-11-80. See attached completion and PA information.
4. The Cimarex Mallon 27 Fed # 2, 660' FSL & 990' FEL Sec 27-19S-34E drilled to a depth of 7044' and produced from the NE Lea Delaware before being plugged on 5-27-08. See attached completion and PA information.
5. The Cimarex Mallon 34 Federal # 11, 990' FNL & 1650' FEL Sec 34-19S-34E drilled to a depth of 7044' with 5 1/2" casing cemented to surface and producing from the NE Lea Delaware. See attached completion information.
6. The Cimarex Mallon 34 Fed # 2, 660' FNL & 660' FEL Sec 34-19S-34E drilled to a depth of 6312' with 5 1/2" casing cemented to 1150' and producing from the NE Lea Delaware. 7 Rivers perfs at 3926' - 4022' squeezed with 100 sx Class C. See attached completion information.
7. The Merit Mescalero Ridge Unit 35 # 14, 660' FNL & 990' FWL Sec 35-19S-34E drilled to a depth of 5050' and produced from the Pearl Queen before being plugged on 4-22-08. See attached completion and PA information.
8. The Merit Mescalero Ridge Unit 35 # 6, 660' FNL & 1980' FWL Sec 35-19S-34E drilled to a depth of 5250' with 5 1/2" casing cement to 3310' with 350 sx Incore cement and producing from Pearl Queen. See attached completion information.
9. The Merit Mescalero Ridge Unit # 26, 1350' FNL & 2570' FEL Sec 35-19S-34E drilled to a depth of 5235' with 5 1/2" casing cemented to surface and producing from the Pearl Queen. See attached completion information.
10. The Merit Mescalero Ridge Unit 35 # 7, 660' FNL & 1980' FEL Sec 35-19S-34E drilled to a depth of 5249' with 5 1/2" casing cemented to 3340' (Temp Survey) with 350 sx Incore cement and producing from the Pearl Queen. See attached completion information.
11. The Merit Mescalero Ridge Unit # 18, 2240' FNL & 2030' FWL Sec 35-19S-34E drilled to a depth of 5250' with 5 1/2" casing cemented to surface and producing for the Pearl Queen. See attached completion information.
12. The Merit Mescalero Ridge Unit 35 # 5, 1980' FNL & 1980' FWL Sec 35-19S-34E drilled to a depth of 5230' and produced from the Pearl Queen before being plugged on 2-28-84. See attached completion and PA information.
13. The Merit Mescalero Ridge Unit 35 # 12, 1980' FNL & 990' FWL Sec 35-19S-34E drilled to a depth of 5126' and produced from the Pearl Queen before being plugged on 9-9-2003. See attached completion and PA information.
14. The Merit Mescalero Ridge Unit # 4, 1980' FNL & 660' FEL Sec 34-19S-34E drilled to a depth of 5150' as a dry hole. 8 5/8" surface set and 200' cemented to surface and plugged on 6-29-66. See attached completion and PA information.
15. The Cimarex Mallon 34 Fed # 7, 1980' FNL & 860' FWL Sec 34-19S-34E drilled to a depth of 6300' and produced from the NE Lea Delaware before being plugged on 6-6-08. See attached completion and PA information.
16. The Cimarex Mallon 35 Fed # 3, 2310' FSL & 660' FWL Sec 34-19S-34E drilled to a depth of 8330' with 5 1/2" casing cemented to surface and producing from the NE Lea Delaware. See attached completion information.

Section VII – Data on Proposed Operation

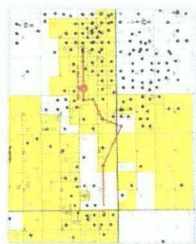
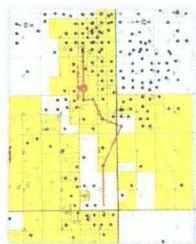
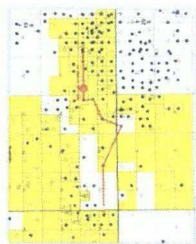
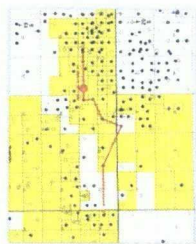
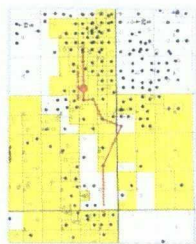
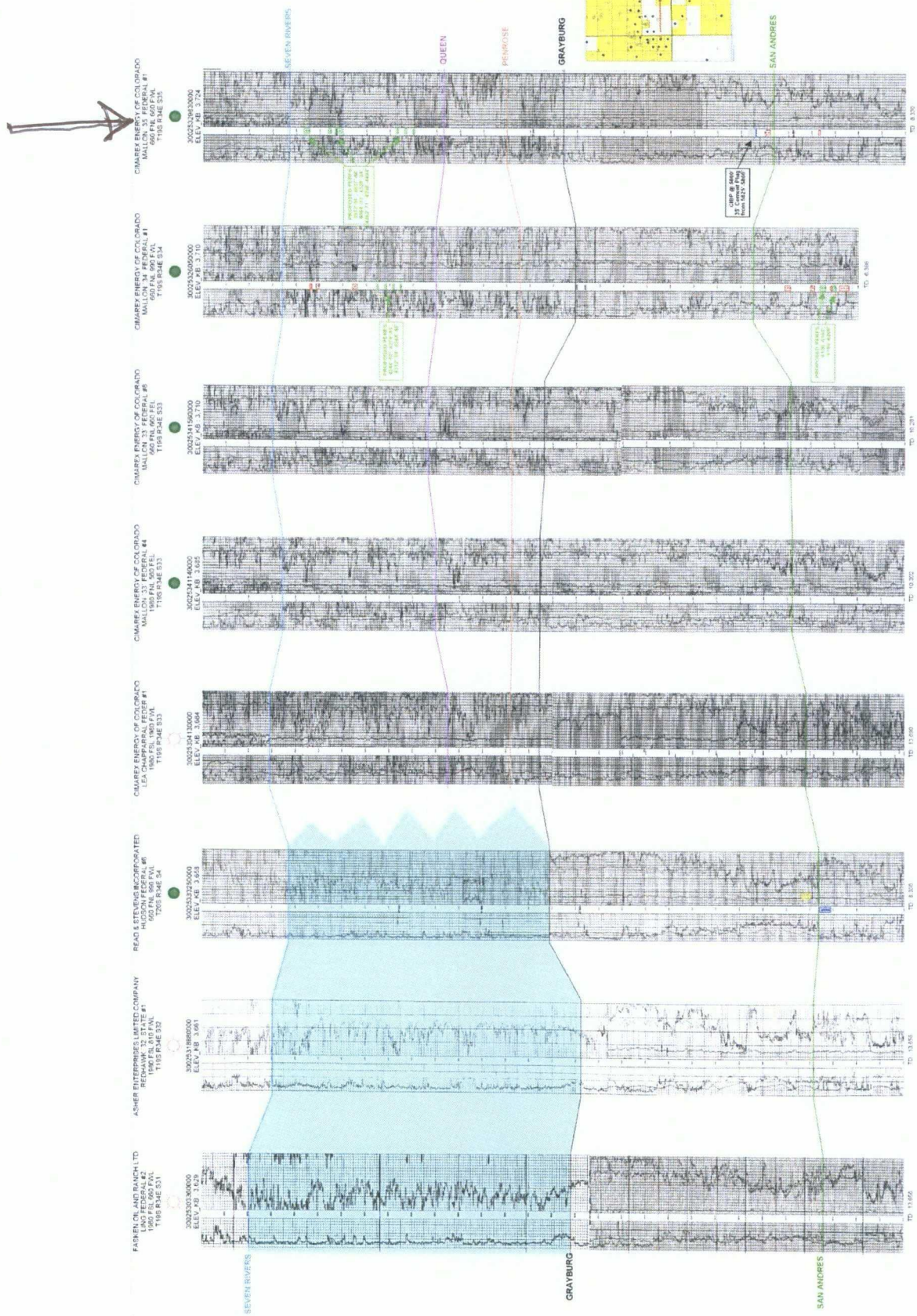
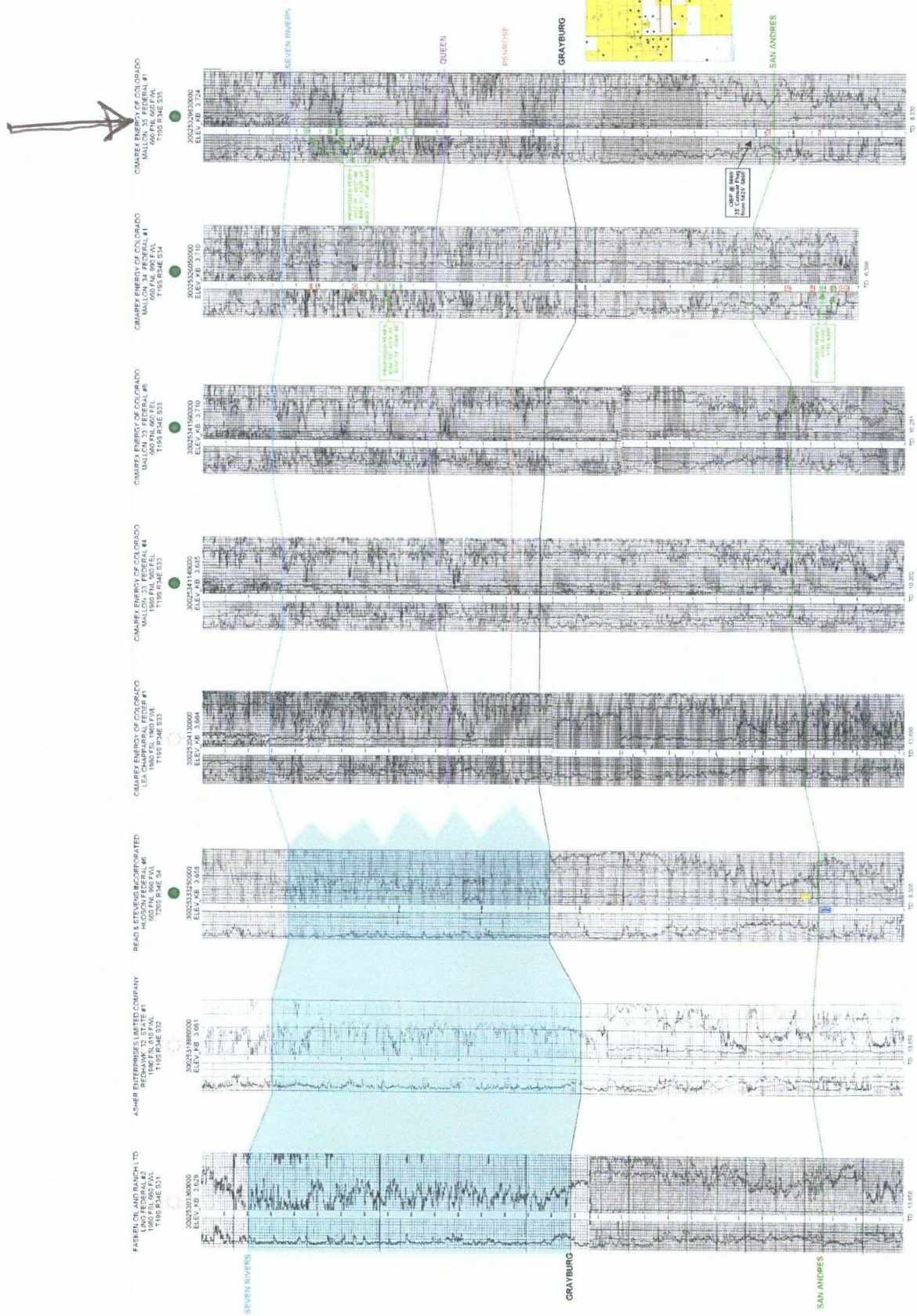
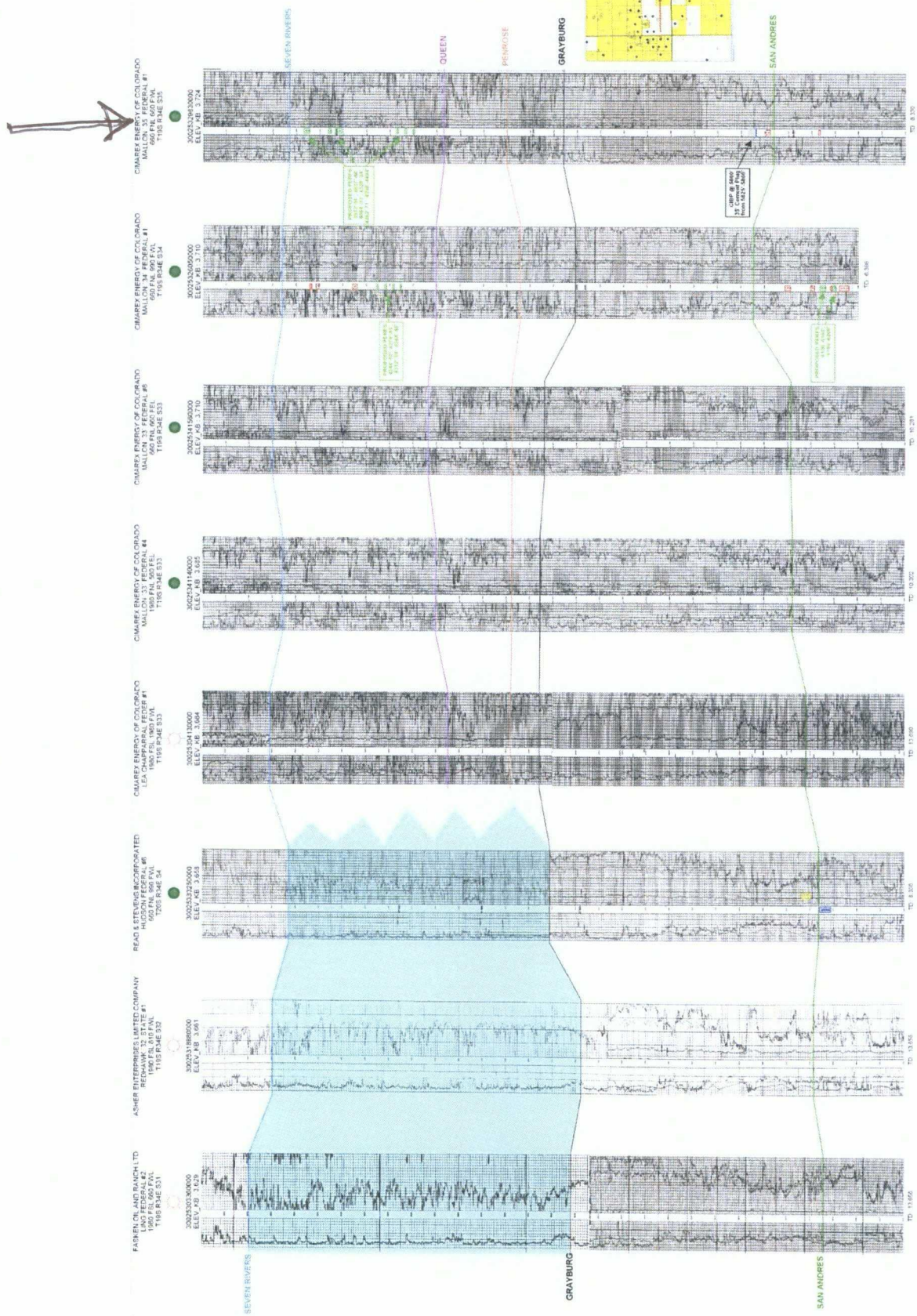
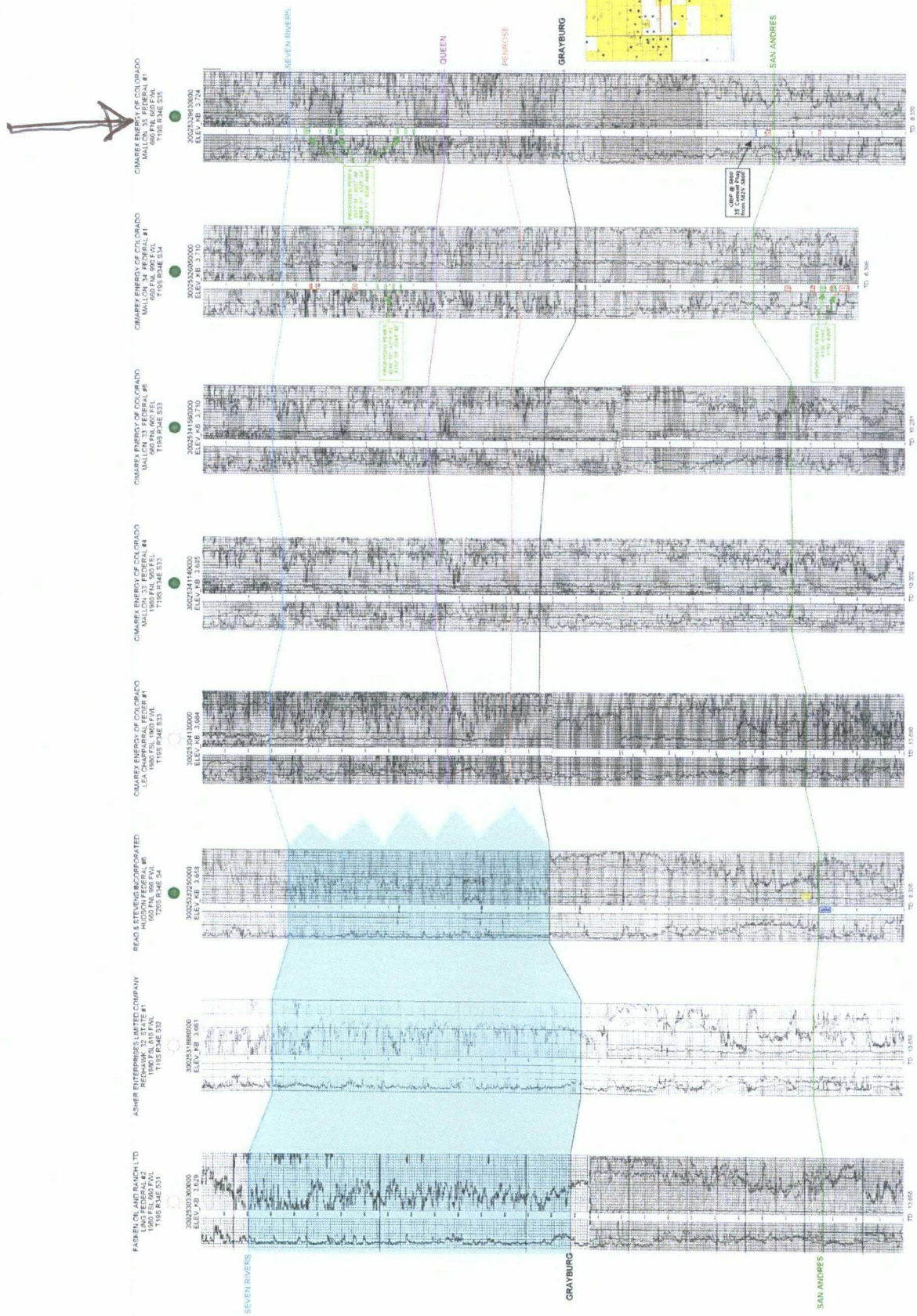
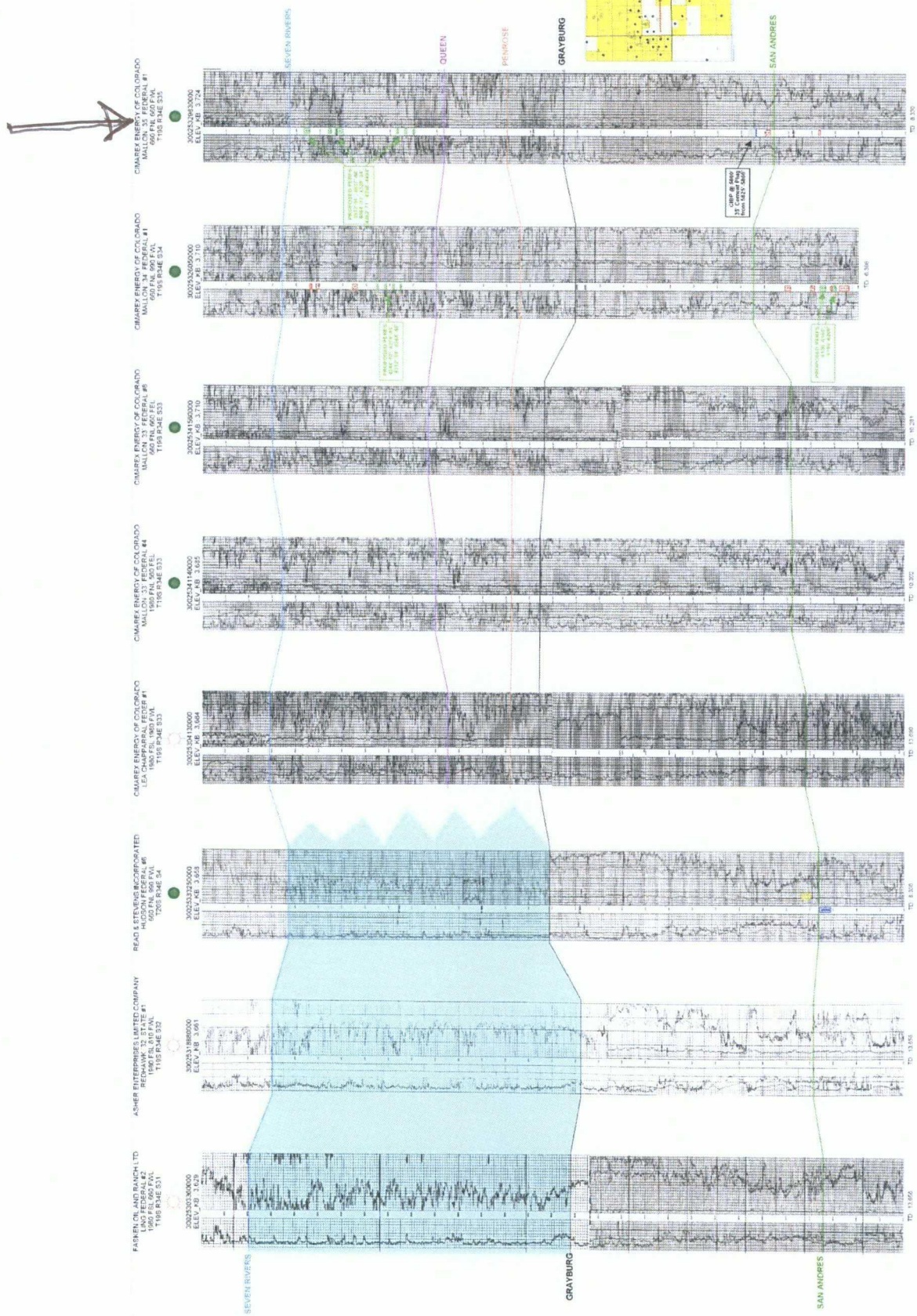
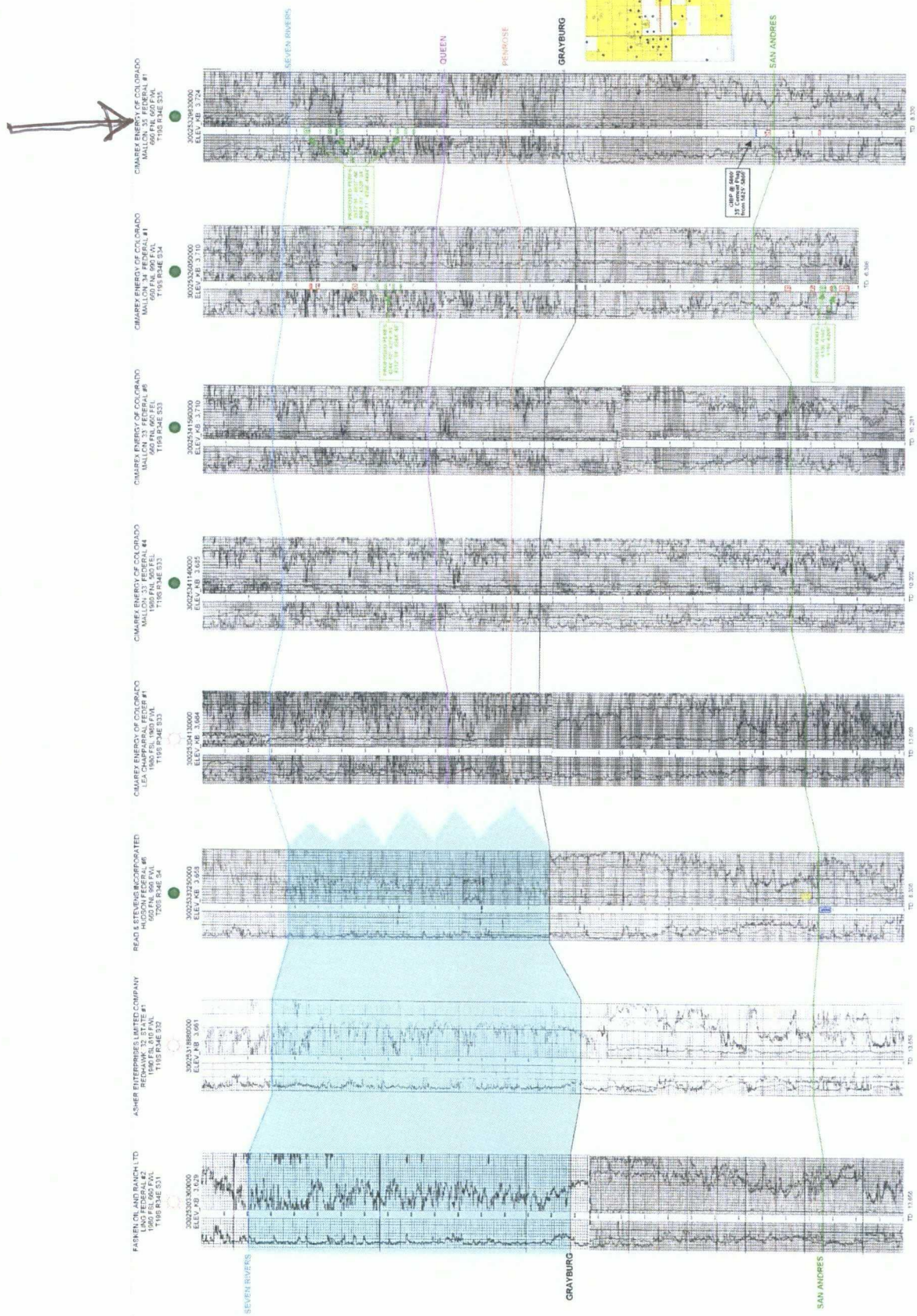
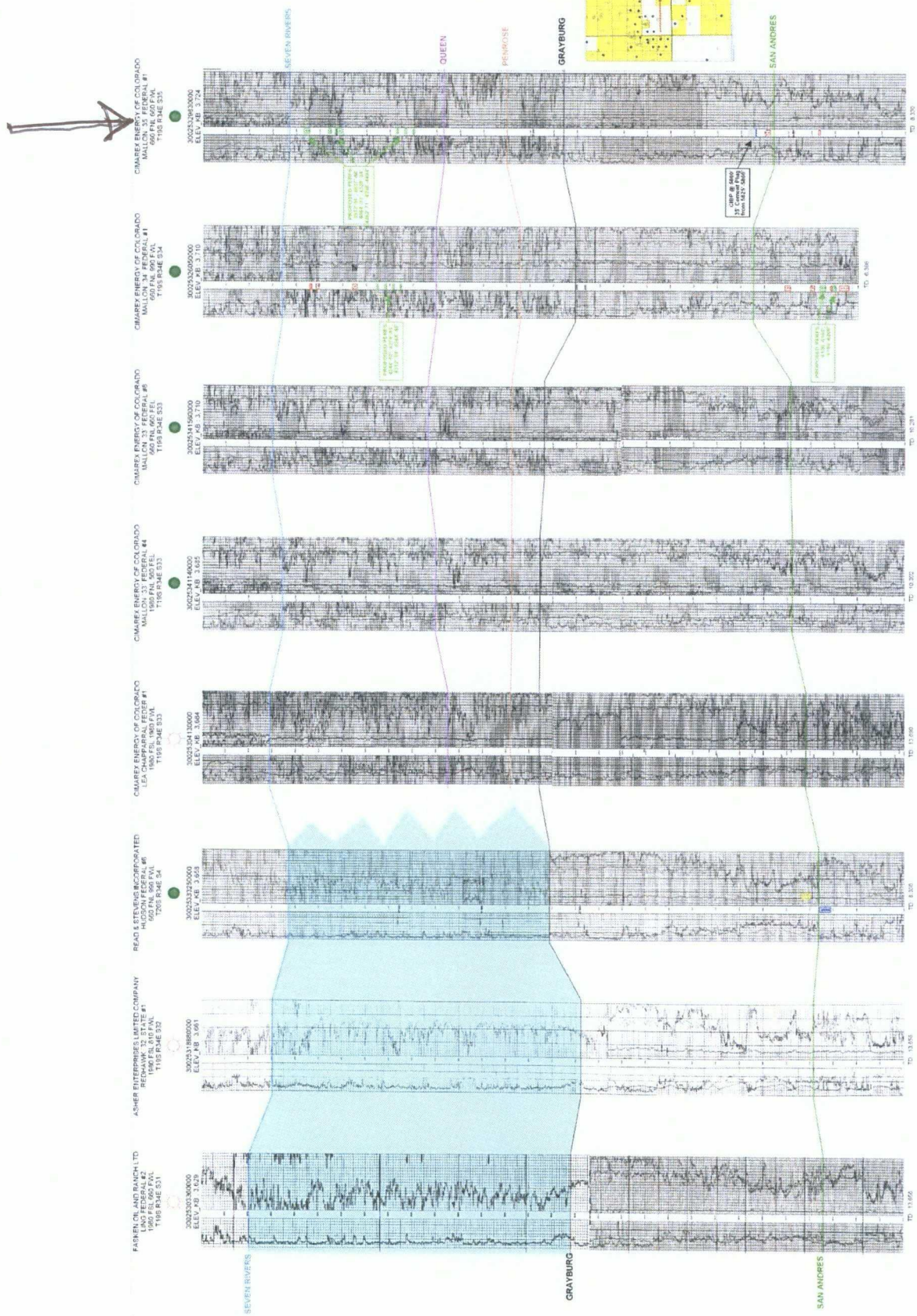
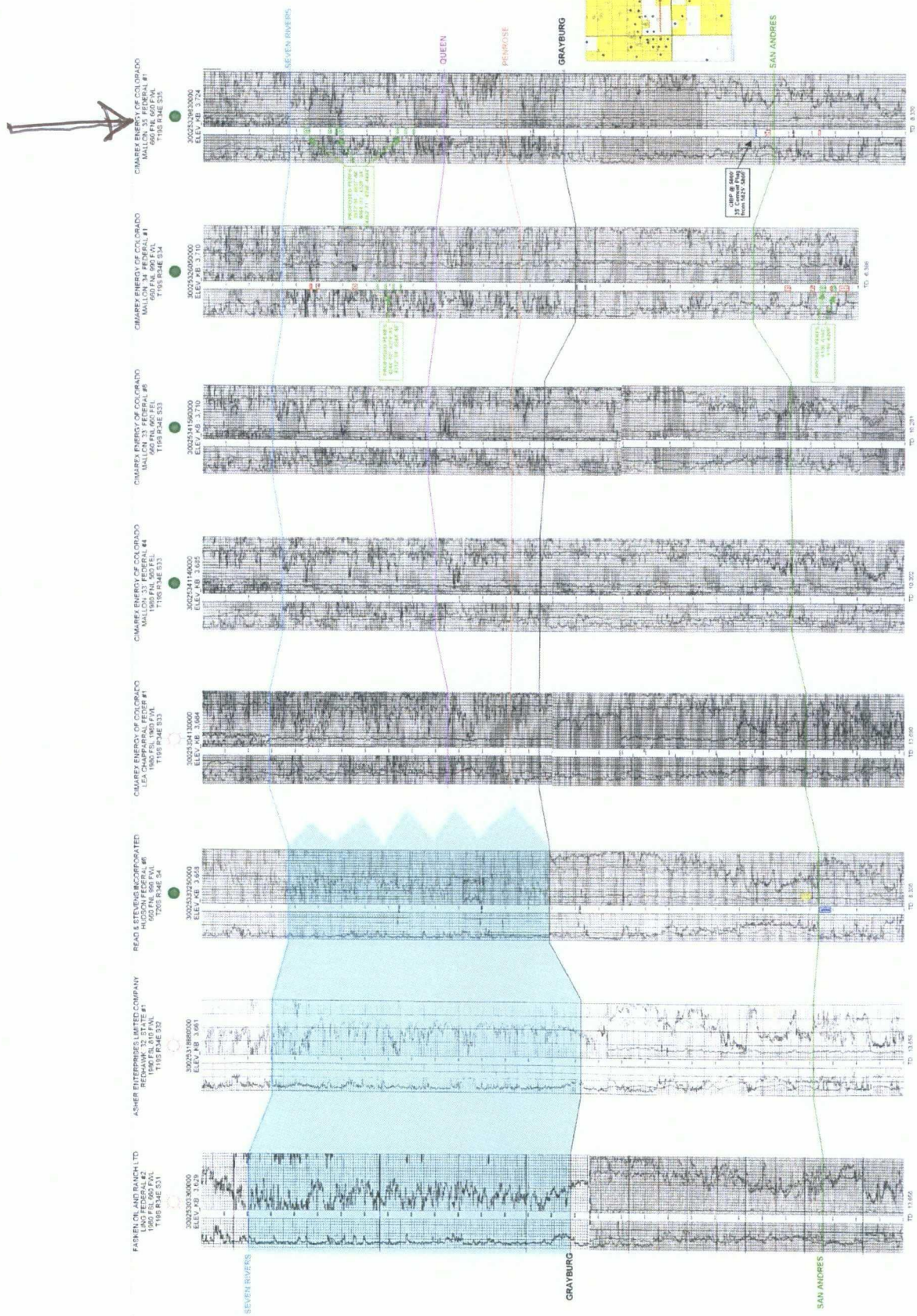
1. Proposed Average and Maximum Daily Rate and Volume of Fluids to be Injected
 - a. Average Daily Rate: 1000 BWPD
 - b. Maximum Daily Rate: 1500 BWPD
2. Open or Closed System:
 - a. Injection System is a closed System
3. Proposed Average & Maximum* Injection Pressure

MALLOON 35 FERRAL #1



SAND & SHALE
INTERVALS

THICK CARBONATE
INTERVALS



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Cons.
P.O. Box 1986
Hobbs, NM 88241

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other Water Injection Well

2. Name of Operator

Devon Energy Corp. (Nevada)

3. Address and Telephone No.

20 North Broadway, Suite 1500 Oklahoma City, Oklahoma 73102-8260 (405) 235-3611

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

990' FSL, 990' FWL, Sec. 26, T19S, R34E, Unit Letter M

5. Lease Designation and Serial No.
NM-NM05519A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA. Agreement Designation

Mescalero Ridge 891007465

8. Well Name and No.

Mescalero Ridge Unit#26-7

9. API Well No.

30-025-22333

10. Field and Pool, or Exploratory Area

Pearl (Queen-Penrose)

11. County or Parish, State

Lea County, New Mexico

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

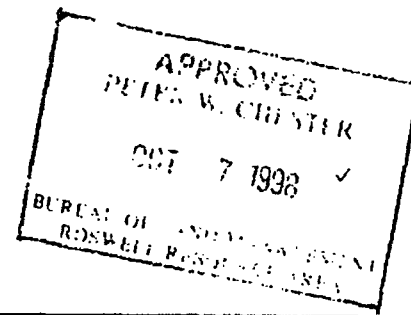
TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☒ Abandonment	☐ Change of Plans
☒ Subsequent Report	☐ Recompletion	☐ New Construction
☒ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☐ Other	☐ Dispose Water

NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

9-04-99--Inform BLM & OCD of intent to Abandon
9-09-98--MIRU, RIH w/2 3/8" tubing, tag fill @ 2485', run wireline thru tubing to confirm depth
9-10-98--Tag fill @ 2485', wash down 26' to 2511', BLM (Steve Caffey) okayed to stop & spot 80 sx class C cement, WOC
9-11-98--Tag TOC @ 1780', Circulate hole w/9.8# mud, POOH to 762', spot 30 sx class C cement, POOH, WOC
9-14-98--Tag TOC @ 317', POOH, RIH w/wireline, shot 4 perf holes @ 273', establish rate of 2+ BPM @ 0 PSI, BLM okayed 70 sx sqz, sqzd 70 sx class C cement, Displace to inside wellhead, WOC
9-15-98--Pressure test, held 1000 PSI for 10 minutes, tag TOC @ 26', spot 5 sx class C cement to surface RDMO
9-17-98--Cut off wellhead, Install dry hole marker, Clean location.

*Code Ckt Tol 1
@ 3000*



14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title Manager, Dawson Production Services P&A Division Date 09/17/98
(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. N.N. 05519-A			
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESYS. ☐ OTHER ☐		6. IF INDIAN, ALLOTTED OR TRIBE NAME			
2. NAME OF OPERATOR Ernest A. Hanson		7. UNIT AGREEMENT NAME Mescalero Ridge			
3. ADDRESS OF OPERATOR P. O. Box 1515, Roswell, New Mexico		8. FARM OR LEASE NAME "26"			
4. LOCATION OF WELL (Report location as required by any State requirements) 990' FSL & FWL CHANGE IN OPERATOR NAME FROM At interval reported below TO HANSON OIL CORPORATION EFFECTIVE: APRIL 1, 1970		9. WELL NO. 7			
10. FIELD AND POOL, OR WILDCAT Pearl Queen		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 26 - 19S - 34E			
12. COUNTY OR PARISH Lea		13. STATE N. Mex.			
15. DATE SPUDDED 11-4-67	16. DATE T.D. REACHED 11-21-67	17. DATE COMPL. (Ready to prod.) 12-10-67	18. ELEVATIONS (OF, RKB, BT, GR, ETC.) 3740' KB	19. ELEV. CASINGHEAD 3728'	
20. TOTAL DEPTH, MD & TVD 5031'	21. PLUG BACK T.D., MD & TVD 5029'	22. IF MULTIPLE COMPL., HOW MANY?	23. INTERVALS DRILLED BY →	24. ROTARY TOOLS 0-5031'	
25. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4614-4993' Queen Formation				26. WAS DIRECTIONAL SURVEY MADE No	
27. TYPE ELECTRIC AND OTHER LOGS RUN GR-Den-Cal				28. WAS WELL CORED Yes	
29. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (VD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	28#	223'	12-1/2"	200 sx. circulated	None
5-1/2"	15 1/2#	5031'	7-7/8"	350 sx.	None
30. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	PACKER SET (MD)
31. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
2-3/8"	4550'	None			
32. PERFORATION RECORD (Interval, size and number)					
1 - 0.48" JPF @ 4614, 4623, 4630, 4633, 4642, 4646, 4989 & 4993'					
33. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
4614 - 4993		1750 gals. acid + 40,000 gals. lease oil + 32,500 lbs. sand			
34. PRODUCTION					
DATE FIRST PRODUCTION Dec. 10, 1967		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping		WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 12-10-67	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL. 38	GAS—MCF. 52
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL. 38	GAS—MCF. 52	WATER—BBL. 39
35. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold					
36. TEST WITNESSED BY H. F. Schram					
37. LIST OF ATTACHMENTS 2 - GR-Den-Cal logs					
38. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <i>H. F. Schram</i>		TITLE Exploration Manager		DATE Dec. 11, 1967	

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submittal of a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 25, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 25.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22 and in item 24 show the producing interval or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24, etc.)

37. SUMMARY OF FORMER ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS INCLUDING CURVE INTERVALS, AND ALL DEVIATION TRENDS, INCLUDING DEPTH INTERVAL TESTED, FISHING TIME, TOOL, OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECORDS.

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	GEOLOGIC MARKERS	MEAS. DEPTH	TOP	TRUE VERT. D. 10'
Core #1 Queen	4600	4646	Rec. 46' red sand and dolomite w/ scat. SO throughout red sand	T. Anhy.		1800		
Core #2 Queen	4850	4870	Rec. 20' grey sand and dolomite w/ SO in 6' grey sand @ 4862-68'	T. Salt		1929		
				B. Salt		3345		
				T. Yates		3570		
		4989	Rec. 22' grey sand and dolomite w/ SO in 6' grey sand @ 4967-70' & 4981-84'	T. Queen		4591		
				T. Penrose		4920		

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 41 R-11

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM-04452	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____	
2. NAME OF OPERATOR ARCO Oil and Gas Company Div of Atlantic Richfield Co.		7. UNIT AGREEMENT NAME Mescalero Ridge Unit 26	
3. ADDRESS OF OPERATOR P. O. Box 1710, Hobbs, N M 88241-1710		8. FARM OR LEASE NAME Mescalero Ridge Unit 26	
4. LOCATION OF WELL (Report location clearly and in accordance with instructions on reverse side) At surface 330' FSL & 2030' FWL At top prod. interval reported below as above At total depth as above		9. WELL NO. 9	
10. FIELD AND POOL, OR WILDCAT Pearl Queen		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 26-19S-34E	
12. PERMIT NO. DATE ISSUED GEOLOGICAL SURVEY ROSWELL, NEW MEXICO		13. COUNTY OR PARISH Lea	
14. STATE N M		15. DATE SPudded 11/11/81	
16. DATE T.D. REACHED 12/02/81		17. DATE COMPL. (Ready to prod.) 2/11/82	
18. ELEVATIONS (OF, RKB, RT, GR, ETC.) 3729.8' GR		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 5218'		21. PLUG. BACK T.D., MD & TVD 5163'	
22. IF MULTIPLE COMPL., HOW MANY?		23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 4590-4636' Pearl Qn 4867-69' " " 4972-86' " "		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-MLL, DLL w/caliper, GR-CNL/FDC w/caliper & CBL		27. WAS WELL CORDED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8-5/8" OD	24# K-55	1874'	12 1/2"
5 1/2" OD	15.5# K-55	5218'	7-7/8"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
			SCREEN (IN)
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (IN)	
2-3/8" OD	5025'		
31. PERFORATION RECORD (Interval, size and number)			
4590, 98, 4602, 13, 24, 30, 36' w/14-48" holes			
4867, 69' = 4-.48" holes			
4972, 74, 84, 86' = 8-.50" holes			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		
4590-4636'	2000 gal 15% HCL-LSTNE		
4867-69'	700 gal 15% HCL-LSTNE		
4972-4986'	900 gal 15% HCL-LSTNE		
33. PRODUCTION			
DATE FIRST PRODUCTION 1/28/82	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - 2" x 1 1/2" x 16' rod		WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 2/28/82	HORES TESTED 24	CHOKE SIZE -	PROD'N. FOR TEST PERIOD OIL-BBL. 32 GAS-MCF. 4 WATER-BBL. 96 GAS-OIL RATIO 125:1
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE OIL-BBL. 32 GAS-MCF. 4 WATER-BBL. 96 OIL GRAVITY-API (CORR.) 31.1°	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold			
35. LIST OF ATTACHMENTS Logs as listed in item 26 above & Inclination Report			
36. I hereby certify that the foregoing and attached information is as far as possible true and correct as determined from all available records			
SIGNED James S. Schmidt		TITLE Dist. Del. Subt. U.S. GEOLOGICAL SURVEY ROSWELL, NEW MEXICO	
DATE 3/01/82			

*(See Instructions and Space for Additional Data on Reverse Side)

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on Items 22 and 24, and 33, below regarding separate reports for separate completions.

For all types of wells (drillers, geologists, sample and core analysts, all types electric, etc.), formations and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. (Consult local State or Federal office for specific instructions.)

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for Items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:			38. GEOLOGIC MARKERS			
SHOW ALL IMPORTANT ZONES OF DEPTH INTERVAL TESTED, OTHERS TESTED, OTHERS			DESCRIPTION, CONTENTS, ETC.	NAME	NEAR DEPTH	TOP DEPTH
FORMATION				Anhydrite	1800'	
TOP				T. Salt	1930'	
BOTTOM				B. Salt	3350'	
				Yates	3575'	
				7-Rivers	3890'	
				Queen	4580'	

C.C.D.
HOBBS OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

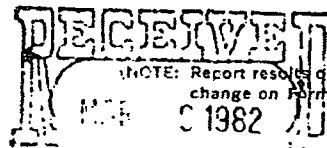
1. oil well ☒ gas well ☐ other ☐
2. NAME OF OPERATOR ARCO Oil and Gas Company
Div of Atlantic Richfield Company
3. ADDRESS OF OPERATOR
P. O. Box 1710, Hobbs, N M 88241-1710
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 330' FSL & 2030' FWL
AT TOP PROD. INTERVAL: as above
AT TOTAL DEPTH: as above
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE
NM-04452
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
Mescalero Ridge Unit 26
8. FARM OR LEASE NAME
Mescalero Ridge Unit 26
9. WELL NO.
9
10. FIELD OR WILDCAT NAME
Pearl Queen
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
26-19S-34E
12. COUNTY OR PARISH
Lea
13. STATE
N M
14. API NO.
30-025-27204
15. ELEVATIONS (SHOW DF, KDB, AND WD)
3729.8' GL

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

- TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

- Log, set Prod csg 5 cmt
Perf & acid, Complete



(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Fin drlg 7-7/8" hole to 5218' TD on 12/02/81. Ran GR MLL, DLL w/caliper, GR-CNL/FDC w/caliper. RIH w/5 1/2" OD 15.5# K-55 csg set @ 5218'. Cmt'd w/1950 sx Cl H cmt contg 6/10% Halad-9 plus 5/10% CFR-2. PD @ 11:30 AM, 12/04/81. Circ 230 sx cmt to surf. WOC. PBD 5163'. Press tstd csg to 1000# for 30 mins. OK. Ran GR-CEL. Cmt OK. Perf'd 5 1/2" csg w/2 JSPF @ 4972, 74, 84 & 85' w/.50" holes. Set pkr @ 4895', swbd tbg dry, rel pkr, spot 100 gal 15% HCL-LSTNE acid, re-set pkr @ 4895' & broke fm w/3000#, acidize perfs 4972-4986' w/900 gal 15% HCL-LSTNE. Swbd 5 hrs, rec 5 BNO. Flwd & swbd 10 hrs, rec 13 BO, 26 BLW. Rel pkr. POH w/pkr & tbg. Perf'd 5 1/2" csg w/2 JSPF @ 4867 & 69' w/.48" holes. RIH w/RBP, set @ 4920'. Spot 200 gals 15% HCL-LSTNE acid across perfs, set pkr @ 4780', broke fm w/2100#, acidized w/500 gal 15% HCL-LSTNE acid. Swbd 3 hrs, rec 1 1/2 BO. Re-set RBP @ 4785'. POH w/pkr. Perf 5 1/2" csg w/2 JS each @ 4590, 98, 4602, 13, 24, 30, 36' w/.48" holes. RIH w/pkr, spotted 200 gal 15% HCL-LSTNE acid w/2% KCL wtr, set pkr @ 4498', broke fm w/2700#.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED ROGER A. CHAPMAN TITLE Dist. Drlg. Supt. DATE 3/01/82
(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL _____

U.S. GEOLOGICAL SURVEY
DOCSWELL, NEW MEXICO

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and data well conditioned for final inspection looking to approval of the abandonment.

Acidized perfs 4867' & 69' w/1800 gal 15% HCL-LSTNE. Swid
3 hrs. rec 2 BO, 29 BFW. Rel pkr, rec BP @ 4785' & POH
RIH w./comp assy, SN @ 4988'. RIH w/2" x 1½" x 16' pump
On 24 hrs potential test 2/28/82 pmpd Pearl Qn perfs 45'-0-
4986' 32 BO, 96 BW, 4 MCFG, GOR 125:1.
FINAL REPORT.

RECEIVED

FEB 2 1982

D. C. D.
FEDERAL OFFICE

☆ GPO 1979-684 655/684

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
NEW MEXICO 88240

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ gas ☐ other ☐
2. NAME OF OPERATOR ARCO Oil and Gas Co.
Div of Atlantic Richfield Co.
3. ADDRESS OF OPERATOR
P. O. Box 1710, Hobbs, N M 88241-1710
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 330' FSL & 2030' FWL
AT TOP PROD. INTERVAL: as above
AT TOTAL DEPTH: as above

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

☐ Spud, run & cmt surf csg

5. LEASE
NM 04452
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Mescalero Ridge Unit 26
9. WELL NO.
9
10. FIELD OR WILDCAT NAME
Pearl On
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
26-19S-34E
12. COUNTY OR PARISH
Lea
13. STATE
N M
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
3729.8' GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Rig up on 11/11/81. Spudded 12 1/2" hole @ 11:00 PM, 11/11/81. Fin drlg 12 1/2" hole to 1874' on 11/16/81. RIH w/8-5/8" OD 24# K-55 csg, set @ 1874'. FC set @ 1826'. Cmt 8-5/8" csg w/800 sx Cl H cmt contg 4% gel, 1/2#/sk flo cele followed w/300 sx Cl H cmt contg 1/2#/sk flocele, circ 300 sx cmt to surf. PD @ 9:15 PM, 11/15/81. WOC 18 hrs. Pressure tstd csg to 1000# for 30 mins, OK.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED ROGER A. CHAPMAN TITLE Dist. Drlg. Supt. DATE 11/17/81

(This space for Federal or State office use)

APPROVED DEC 11 1981 TITLE _____ DATE _____
CONDITIONS OF APPROVAL IF ANY:

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other Plug & Abandon
2. NAME OF OPERATOR ARCO Oil & Gas Company
Division of Atlantic Richfield Company
3. ADDRESS OF OPERATOR
P. O. Box 1710, Hobbs, New Mexico 88240
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 330' FSL & 1980' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH: As Above

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:
TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF

☐
☐
☐
☐
☐
☐
☐
☐
☒

RECEIVED
NOV 20 1980
U. S. GEOLOGICAL SURVEY
HOERS. NEW MEXICO

5. LEASE
NM 04452
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Mescalero Ridge Unit 26
9. WELL NO.
4
10. FIELD OR WILDCAT NAME
Pearl Queen
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
26-19S-34E
12. COUNTY OR PARISH Lea 13. STATE N M
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
3722' GL

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*
1. Rigged up on 11/7/80. RIH w/ csg swedge. Washed salt rings, bridges & heavy drlg mud to 3389'. Parted 5½" csg @ 3380'. POH w/ swedge.
2. RIH w/ pkr, set @ 3300', unable to break circ via 5½"x8-5/8" csg. POH w/ pkr.
3. RIH w/ tbg to 3389', outside of 5½" csg. Spotted 75 sx Cl "C" cmt w/2% CaCl₂. TOC calculated @ 2623'. POH w/ tbg to 1500', press tbg to 1000#. POH w/ pkr. RIH w/ tbg OE to 1903'. Spotted 15 sx Cl "C" cmt plug 1903-1745'. POH w/tbg.
4. Perf'd 4 shots 279-280'. RIH w/ pkr. Set pkr @ 265' established circ. POH w/ pkr. RIH w/ cmt retr, set retr @ 265'. Closed BH valve & squeezed 10 sx Cl "C" cmt thru squeeze holes 279-280'. Spotted 60' cmt on top of retr. POH w/tbg.
5. Run tbg OE to 124', spot Cl "C" cmt plug 124'-surf. Cut off wellhead, installed regulation dry hole marker, cleaned & level location. Plugged & Abandoned eff: 11/11/80. Preparing to drill replacement well 50' East.
- FINAL REPORT.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Peter W. Schmidt TITLE Dist. Drlg. Supt. DATE 11/17/80

(This space for Federal or State office use)

APPROVED BY (Orig. Sd.) PETER W. SCHMIDT TITLE DISTRICT ENGINEER DATE NOV 20 1980
CONDITIONS OF APPROVAL, IF ANY:

Orig. Sd.

FEB 7 11 09 AM '67

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. N. M. 04452	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Mescalero Ridge	
2. NAME OF OPERATOR Ernest A. Hanson		7. UNIT AGREEMENT NAME Mescalero Ridge Unit "26"	
3. ADDRESS OF OPERATOR P. O. Box 1515, Roswell, New Mexico		8. FARM OR LEASE NAME Mescalero Ridge Unit "26"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements): At surface 330' FSL & 1980' FWL At top prod. interval reported below Sec. 26, T-19-S, R-34-E, N.M.P.M. At total depth Lea County, New Mexico		9. WELL NO. 4	
14. PERMIT NO.		DATE ISSUED	
10. FIELD AND POOL, OR WILDCAT Pearl Queen		11. REC. T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 26 - 19S - 34E	
12. COUNTY OR PARISH Lea		13. STATE New Mexico	
15. DATE SPUDDED 1-4-67	16. DATE T.D. REACHED 1-19-67	17. DATE COMPL. (Ready to prod.) 2-1-67	18. ELEVATIONS (DF, RES, RT, OR, ETC.) * 3739' KB
19. ELV. CASINGHEAD 3727'	20. TOTAL DEPTH, MD & TVD 5220'		
21. PLUG, BACK T.D., MD & TVD 5192'	22. IF MULTIPLE COMPL., HOW MANY *	23. INTERVALS DRILLED BY →	ROTARY TOOLS 0 - 5220'
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) * 4602 - 4992' Queen Formation			25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-Den-Cal			27. WAS WELL CORED Yes
28. CASING RECORD (Report all strings set in well)			
CASING SIZE 8-5/8"	WEIGHT, LB./FT. 24#	DEPTH SET (MD) 230'	HOLE SIZE 12-1/4"
5-1/2"	15-1/2#	5220'	7-7/8"
29. LINER RECORD		30. TUBING RECORD	
SIZE	TOP (MD)	SIZE	DEPTH SET (MD)
		2-3/8"	4550'
31. PERFORATION RECORD (Interval, size and number) 1 - 0.50" jet @ 4602, 4608, 4618, 4627, 4630, 4633, 4635, 4978, 4979, 4980, 4990, 4991 & 4992'		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
4602 - 4635		500 gals. acid + 20,000 gals. lease oil + 20,000 lbs. sand	
4978 - 4992		500 gals. acid + 20,000 gals. lease oil + 20,000 lbs. sand	
33. PRODUCTION			
DATE FIRST PRODUCTION Feb. 1, 1967	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping		WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 2-1-67	HOURS TESTED 24	CHOKE SIZE 2"	PROD'N. FOR TEST PERIOD →
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL. 58
			GAS—MCF. 2
			WATER—BBL. 37
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented			
35. LIST OF ATTACHMENTS 2 - GR-Den-Cal logs			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <i>Ernest A. Hanson</i>		TITLE Explor. Mgr.	DATE 2-1-67

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROSITY ZONES.

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTS, CUSHION TESTS, TIME LOGS, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	GEOLOGIC MARKERS	
					MEAN DEPTH	TOP
Core #1 Queen Fm.	4595	4645	Rec. 50' gray sand and dolomite with shows of oil throughout sand.	T. Anhy.	1802'	
				T. Salt	1928'	
				B. Salt	3349'	
				T. Yates	3574'	
				T. Queen	4580'	
				T. Penrose	4918'	

UNITED STATES
DEPARTMENT OF THE INTERIOR

SUBMIT IN 7
(Other Instru
verse side)

LOCATE
8 ON re

Form approved
Budget Bureau No. 42-11424

GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill, deepen or plug back to a different reservoir.
See Application for Permit for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. UNIT AGREEMENT NAME Mescalero Ridge
2. NAME OF OPERATOR Ernest A. Hanson	8. FARM OR LEASE NAME "26" Mescalero Ridge Unit
3. ADDRESS OF OPERATOR P. O. Box 1515, Roswell, New Mexico	9. WELL NO. 4
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 330° FSL & 1980° FWL Sec. 26, T-19-S, R-34-E, N.M.P.M. Lea County, New Mexico	10. FIELD AND POOL, OR WILDCAT Pearl Queen
14. PERMIT NO.	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 26 - 19S - 34E
15. ELEVATIONS (Show whether DT, RT, GR, etc.) 3739° KB	12. COUNTY OR PARISH 13. STATE

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF ☐	PULL OR ALTER CASING ☐	WATER SHUT-OFF ☒	REPAIRING WELL ☐
FRACTURE TREAT ☐	MULTIPLE COMPLETE ☐	FRACTURE TREATMENT ☐	ALTERING CASING ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☐	SHOOTING OR ACIDIZING ☐	ABANDONMENT* ☐
REPAIR WELL ☐	CHANGE PLANS ☐	(Other) ☐	

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

- 1- 4-67 Spud well @ 5:30 A.M.
Ran 8-5/8", 24#, H-40 csg. @ 230° w/ 200 sx. reg. + 2%
CaCl. Cement circulated to the surface.
- 1- 5-67 W.O.C. 24 hrs. Pressure tested casing to 600 lbs. for 30 minutes. No leaks. Prep. to drill ahead.
- 1-19-67 T. D. 5220° dolomite. Ran 5-1/2", 15-1/2#, J-55 csg.
@ 5220° w/ 350 sx. neat Incor cement. W.O.C. 48 hrs.
Tested casing @ 1000 psi. for 48 hours. No leaks.

18. I hereby certify that the foregoing is true and correct

SIGNED Ernest A. Hanson TITLE Explor. Manager DATE 1-21-67

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED DBS

FORM APPROVED
OMB NO. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

JUN 10 2008

HOBBS OCD

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

CIMAREX ENERGY CO. OF COLORADO

3a. Address

P.O. BOX 140907, IRVING, TEXAS 75014-0907

3b. Phone No. (include area code)

972.443.6489

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

UNIT LETTER P

660' FSL & 990' FEL

SEC. 27, T-19-S, R-34-E

5. Lease Serial No.

NM-04452

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No

8. Well Name and No.

MAILON 27 FEDERAL #002

9. API Well No.

30-025-32653

10. Field and Pool, or Exploratory Area

NE LEA DELAWARE

11. County or Parish, State

LEA COUNTY

NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|--|--|---|
| ☐ Acidize | ☐ Deepen | ☐ Production (Start/Resume) | ☐ Water Shut-Off |
| ☐ Alter Casing | ☐ Fracture Treat | ☐ Reclamation | ☐ Well Integrity |
| ☐ Casing Repair | ☐ New Construction | ☐ Recomplete | ☐ Other |
| ☐ Change Plans | ☒ Plug and Abandon | ☐ Temporarily Abandon | |
| ☐ Convert to Injection | ☐ Plug Back | ☐ Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

05/25/08: TAG EXISTING CIBP @ 6,000'; CIRC. WELL W/ FXA MID & MIX & PUMP A 25 SX. CMT. PLUG ON TOP OF CIBP

05/26/08: SET 5-1/2" CIBP @ 5,750'; MIX & PUMP A 25 SX. CMT. PLUG ON TOP OF CIBP; MIX & PUMP A 25 SX.

CMT. PLUG @ 4,000'-3,860' (CALC.); MIX & PUMP A 25 SX. CMT. PLUG @ 3,365'; WOC & TAG TOP OF CMT. PLUG @ 3,190'; CUT 5-1/2" CSG. @ 2,075' - COULD NOT WORK FREE; PRES. UP ON CSG. CUT TO 1,500# & HELD PRES.; MIX & PUMP A 40 SX. CMT. PLUG @ 2,125'; WOC & TAG TOP OF CMT. PLUG @ 1,935'.

05/27/08: CUT 5-1/2" CSG. @ 1,885' - COULD NOT WORK FREE; PRES. UP ON CSG. CUT TO 1,500# & HELD PRES.; MIX & PUMP A 30 SX. CMT. PLUG @ 1,935'; WOC & TAG TOP OF CMT. PLUG @ 1702'; CUT 5-1/2" CSG. @ 1,564' - COULD NOT WORK CSG. FREE; PRES. UP ON CSG. CUT TO 1,500# & HELD PRES.; MIX & PUMP A 30 SX. CMT. PLUG @ 1,632'; WOC & TAG TOP OF CMT. PLUG @ 1,356'; PERF. SQZ. HOLES @ 350'; PRES. UP ON SQZ. HOLES TO 1,500# & HELD PRES.; MIX & PUMP A 35 SX. CMT. PLUG @ 400'; WOC ON CMT. & TAG TOP OF CMT. PLUG @ 100'; PERF. SQZ. HLES @ 100'; PRES. UP ON SQZ. HOLES TO 1,500# & HELD PRES.; MIX & PUMP A 20 SX. CMT. PLUG @ 100'-3'; DIG OUT & CUT OFF WELLHEAD 3' B.G.L.; WELD STEEL PLATE ON CASINGS & INSTALL DRY HOLE MARKER.

WELL PLUGGED AND ABANDONED 05/27/08

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

DAVID A. EYLER

Title

AGENT

Date

05/29/08

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

JUN 7 2008

Approved by

Title

Office

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Conditions of approval, if any, are attached. Approval of this notice 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.

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. OIL CONS. COM.
P.O. BOX 1980
ALBUQUERQUE, NEW MEXICO 87106
on reverse side

CONFIDENTIAL

FORM APPROVED

OMB NO. 1004-0137

Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a TYPE OF WELL OIL GAS
WELL ☒ WELL ☐ DRY ☐ OTHER ☐

b TYPE OF COMPLETION
NEW WORK DEEP- PLUG DIFF
WELL ☒ OVER ☐ EN ☐ BACK ☐ RESVR ☐ OTHER ☐

2. NAME OF OPERATOR
Mallon Oil Company

3. ADDRESS AND TELEPHONE NO.
P.O. Box 3256, Carlsbad, NM 88220 (505) 885-4596

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements *)
At surface 990' FNL and 1650' FEL (NW NE) Unit B

At top prod. interval reported below 990' FNL and 1650' FEL (NW NE) Unit B

At total depth 990' FNL and 1650' FEL (NW NE) Unit B

15. DATE SPUDDED 5/8/96

20. TOTAL DEPTH, MD & TVD 7044'

24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)
5782'-5792', 5844'-5854', 5930'-5946' Delaware

26. TYPE ELECTRIC AND OTHER LOGS RUN
DDL/MSFL/GR/CAL, CN/LDS/GR, BR/CN/SC

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT LB/FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	1510'	14-3/4"	875 sx cement	N/A
5-1/2"	15-1/2# & 17#	7044'	8-3/4"	980 sx cement	N/A

29. LINER RECORD

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size, and number)
6810'-6816' 4 JSPF, 25 holes (Delaware)
Set CIBP at 6710'
5930'-5946' 4 JSPF, 65 holes (Delaware)
5844'-5854' 4 JSPF, 41 holes
5782'-5792' 2 JSPF, 21 holes

33. PRODUCTION
DATE FIRST PRODUCTION 06/29/96
PRODUCTION METHOD Pumping
WELL STATUS (Producing or Shut In) Producing

DATE OF TEST 6/28/96
HOURS TESTED 24
CHOKE SIZE N/A
TEST PERIOD
OIL - BBL 192
GAS - MCF 88
WATER - BBL 68
OIL GRAVITY - API (CORR.) 36.6

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Sold to Warren Petroleum

35. LIST OF ATTACHMENTS
N/A

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED [Signature] TITLE Production Superintendent DATE 7/1/96

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

CONFIDENTIAL

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT DEPTH
				Rustler	1748'	
				Salado	1943'	
				Tansil	3363'	
				Yates	3553'	
				7-Rivers	3876'	
				Queen	4546'	
				Penrose	4866'	
				Grayburg	5076'	
				Delaware	5666'	
				San Andres	6014'	
				Base San Andres	6444'	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

N.M. OIL CONS. COMMISSION

7. BOX 1880 APPROVED

HOBBS, NEW MEXICO 88240

Expires: February 28, 1995

RECEIVED

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☒WORK OVER ☐DEEPEN ☐PLUG BACK ☐DIFF. REPAIR ☐

CARL

ARE

2. NAME OF OPERATOR

Mallon Oil Company

3. ADDRESS AND TELEPHONE NO.

P.O. Box 3256, Carlsbad, NM 88220 (505) 885-4596

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

660' FNL & 660' FEL (NE NE) Unit A

At top prod. interval reported below

660' FNL & 660' FEL (NE NE) Unit A

At total depth 660' FNL & 660' FEL (NE NE) Unit A

14. PERMIT NO.

NA

DATE ISSUED

NA

12. COUNTY OR PARISH

Lea

13. STATE

NM.

15. DATE SPUNDED

9/13/94

16. DATE T.D. REACHED

9/30/94

17. DATE COMPL. (Ready to prod.)

10/30/94

18. ELEVATIONS (OF, RKB, RT, OR, ETC.)*

3713' GR

19. ELEV. CASINGHEAD

3713'

20. TOTAL DEPTH, MD & TVD

6313' MD

21. PLUG, BACK T.D., MD & TVD

6313'

22. IF MULTIPLE INTERVALS

HOW MANY

23. INTERVALS DRILLED BY

NA

24. ROTARY TOOLS

Rotary

25. CABLE TOOLS

NA

26. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

5878'-5900' and 5936'-5946' Delaware

NOV 15 1994

27. WAS DIRECTIONAL SURVEY MADE

Yes

28. TYPE ELECTRIC AND OTHER LOGS RUN

DLL/MSFL/GR/CAL, CNL/GR

CARLSBAD, NEW MEXICO

29. WAS WELL CORDED

No

29. CARING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9-5/8 K55	36#	1517	14-3/4	Circ to surface/850 sx cm	NA
5-1/2 J55	15.5	6312	7-7/8	1150' from surface/1415 sx cm DV tool at 3717	NA

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)
NA				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8	5783	NA

31. PREPARATION RECORD (Interval, size and number)

6110'-6130' 2 JSPF (40 holes)
CIBP 6060'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6110'-6130'	5000 gls acid
5878'-5900' and 5936'-5946'	1500 gls acid/frac 233,000# 20/40 sand and 25,000 # 16/30 sand

5878'-5900' and 5936'-5946' 4 JSPF (128 holes)

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
10/30/94		Pumping, 1-1/2 x 20' insert pump				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10/22/94	12	NA	→	96	0	384	0
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
NA	NA	→	192	0	768	33.6	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Used for fuel

TEST WITNESSED BY

Jim Costalez

35. LIST OF ATTACHMENTS

Copy of open hole logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE Production Superintendent

DATE 11/1/94

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):					38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		NAME	TOP	
						MEAS. DEPTH	TRUE VERT. DEPTH
					Yates	3540'	
					Seven Rivers	3870'	
					Queen	4544'	
					Penrose	4850'	
					Grayburg	5120'	
					Delaware	5647'	
					San Andres	5980'	
					Total Depth	6313'	

Form 1100-2
(MAY 1991)

RECEIVED
DEC 5 10 07 AM '95

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N. M. OIL CONS. COMMISSION
P.O. BOX 1980
TORRES, NEW MEXICO 88240
Expires March 31, 1993

CONFIDENTIAL

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT --" for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Mallon Oil Company

3. Address and Telephone No.

P.O. Box 3256, Carlsbad, NM 88220 (505) 885-4596

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL and 660' FEL (NE NE) Unit A
Sec. 34, T19S-R34E

5. Lease Designation and Serial No.
NM-052

6. If Indian, Allotee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Mallon 34 Federal No. 2

9. Well API No.

30-025-32606

10. Field and Pool, or Exploratory Area

NE Lea Delaware

11. County or Parish, State

Lea County, New Mexico

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

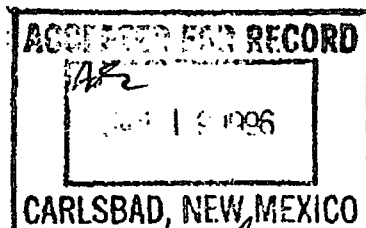
TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other:
☒ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this zone.)

Mallon Oil Company cement squeezed the Seven Rivers 3926'-3934', 4000'-4022' with 100 sacks Class C cement, drilled out the CIBP at 5800'. Producing original Delaware 5878'-5946'. Initiate production 12-5-95.



CONFIDENTIAL

14. I hereby certify that the foregoing is true and correct.

Signed

[Signature]

Title

Production Superintendent

Date

12-5-95

(1944 SPACE FOR FEDERAL OR STATE OFFICE USE)

Approved By

Title

Date

Conditions of approval, if any:

Title 18 U. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Form 3100-4
(July 1992)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

SUBMIT IN DUPLICATE
(See other instructions
on reverse side)

OPERATOR'S COPY

FORM APPROVED
OMB NO. 1004-0137

Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL OIL GAS
WELL ☒ WELL ☐ DRY ☐ OTHER ☐b. TYPE OF COMPLETION
NEW WORK DEEP- PLUG DIFF
WELL ☒ OVER ☐ EN ☐ BACK ☐ RESVR ☐ OTHER ☐2. NAME OF OPERATOR
Mallon Oil Company3. ADDRESS AND TELEPHONE NO.
P.O. Box 3256, Carlsbad, NM 88220 (505) 885-45964. LOCATION OF WELL (Report location clearly and in accordance with any State requirements *)
At surface 660' FNL and 660' FWL (NW NW) Unit D

At top prod. interval reported below 660' FNL and 660' FWL (NW NW) Unit D

At test depth 660' FNL and 660' FWL
(NW NW) Unit D14. PERMIT NO.
N/ADATE ISSUED
N/A15. DATE SPUDDED
12/08/9616. DATE TO REACHED
01/06/9717. DATE COMP (Ready to Prod.)
02/15/9718. ELEVATION (OF, RXB, RT, GR, ETC*)
3715' GR19. ELEV. CASINGHEAD
3716'20. TOTAL DEPTH, MD & TVD
8330'21. PLUGBACK TO, MD & TVD
6596'22. IF MULTIPLE COMP,
HOW MANY?
N/A23. INTERVALS
DRILLED BY
RotaryROTARY TOOLS
CABLE TOOLS
N/A24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD*)
5904'-5922', 6103'-6117', 6127'-6135'25. WAS DIRECTIONAL SURVEY MADE
Yes26. TYPE ELECTRIC AND OTHER LOGS RUN
DL/CFL/GR, CN/LD/GR27. WAS WELL CORED
N/A

CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT LB/FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	1486'	14-3/4"	1100 sks cement	N/A
5-1/2"	15.5#/17#	6596'	8-3/4"	Circ 102 sks to surface 1700 sks cement	N/A N/A

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	GASKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A	N/A	N/A	N/A	N/A	2-7/8"	5887'	N/A

31. PERFORATION RECORD (Interval, size, and number)

5904'-5922' 4 JSPP 72 holes
6103'-6117' 4 JSPP 56 holes
6127'-6135' 4 JSPP 32 holes

32. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6103'-6135'	4800 gls 15% HCl, with additives and 629 SCF N ₂ , 16,000 gls 70 quality N ₂ acid
5904'-5922'	1500 gls NEFE 15% acid - 12,550 gls gel pad, 57,720 lbs 20/40 Ottawa sand, 17,250 lbs RC 20/40 Ottawa sand

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing gas lift, pumping - size and type of pump)				WELL STATUS (Producing or Shut In)	
02/15/97		Pumping 2-1/2" x 20" x 20' pump				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
02/19/97	24	N/A		89	47	30	0.47
FLOW TBQ PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY - API (CORR.)	
N/A	N/A		89			37.8	

34. DISPOSITION OF GAS (Sold used for fuel, vented, etc.)
Sold to Warren Petroleum35. LIST OF ATTACHMENTS
N/A

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE Operations Manager

DATE 2-19-97

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations or to any matter within its jurisdiction

CONFIDENTIAL

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT DEPTH
				Rustler	1794'	
				Salado	1985'	
				Tansil	3347'	
				Yates	3543'	
				7 Rivers	3870'	
				Queen	4562'	
				Penrose	4861'	
				Grayburg	5122'	
				Delaware	5644'	
				San Andres	5960'	
				Base San Andres	6384'	
				Bone Spring	8271'	

RECEIVED
Form 3160-3
September 2004

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

FORM APPROVED
OMB No 1004-0135
Expires: January 31, 2004

MAY 06 2008

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

HOBBS

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
☒ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator Merit Energy Company

3a. Address
13727 Noel Rd. Ste. 500, Dallas, TX 75240

3b. Phone No. (include area code)
972-628-1467

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FNL & 990' FWL; Sec 35, T-19-S, R-34-E

5. Lease Serial No
NM-052

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No
NM70989C

8. Well Name and No
Mescalero Ridge 14

9. API Well No.
30-025-21613

10. Field and Pool, or Exploratory Area
Pearl (Queen), Seven Rivers

11. County or Parish, State
Lea, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☒ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No on file with BLM/BIA Required subsequent reports shall be filed within 30 days following completion of the involved operations If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

1.) Tag top of existing CIBP @ 4,490', POOH w/ tbg. RIH w/ CIBP & tbg to 3,980' set BIBP @ 3,980 clrc mud & mix pump 25sx cmt plug on top of CIBP. POOH w/ tbg, RUWL & perf gun RIH, perf sqz holes @ 3,395', POOH & RDWL. RIH w/ pkr & tbg to 3,300' set pkr est inj rate - pressure up to 1200# & held. POOH w/ tbg & pkr SDFN.

2.) Mix & pump 35sx cmt plug @ 3,450. POOH & WOC 4 hours, RIH w tbg & tag top of cmt plug @ 3,288', POOH w/ tbg RUWL & perf gun. perf & sqz @ 1,975' POOH & RDWL, pu pkr & RIH w/ pkr & tbg to 1,700' set pkr est inj rate - pressure up to 1300# & hold. Mix & pump 35sx cmt plug @ 2,025 POOH w/ tbg & WOC 4 hours RIH w/ tbg & tag top of cmt plug @ 1,748' POOH lay down tbg RUWL & perf gun RIH & perf sqz @ 225' back to surf. Dig out & cut off wellhead 3' BGL weld on steel plate & dry hole markers.

ACCEPTED FOR RECORD

MAY 2 2008

J Amos

14 I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Kristin Hodge

Title Regulatory Analyst

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Signature

Kristin Hodge

Date

04/28/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice 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.

OCD DISTRICT SUPERVISOR/GENERAL MANAGER

Office

Date

Title 18 USC Section 1001 and Title 43 USC Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

FORM APPROVED
OMB NO 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1 Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2 Name of Operator

MERIT ENERGY COMPANY

3a. Address

13727 NOEL ROAD, SUITE 500, DALLAS, TEXAS 75240

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

UNIT LETTER D

660' ENL & 990' FWL

SEC. 35, T-19S, R-34E

MAY 06 2008

HOBBS.OCD

5 Lease Serial No

NM-052

6 If Indian, Allottee or Tribe Name

7 If Unit or CA/Agreement, Name and/or No
NM70989X

8 Well Name and No
MESCALERO RIDGE #014

UNIT "35"

9. API Well No.

30-025-21613

10 Field and Pool, or Exploratory Area

PEARL (QUEEN), SEVEN RIVERS

11. County or Parish, State

LEA

NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☒ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

04/21/08: TAG EXISTING CIBP @ 4490'; SET 5-1/2" CIBP @ 3,980'; MIX & PUMP A 25 SX. CMT. PLUG ON TOP OF CIBP @ 3,980'; CIRC. WELL W/ PAX MID; ATTEMPT TO PERF. & SQZ. A CMT. PLUG @ 3,395' - COULD NOT PUMP INTO SQZ. PERFS. @ 1,200#.

04/22/08: MIX & PUMP A 35 SX. CMT. PLUG @ 3,450'; WOC & TAG TOP OF CMT. PLUG @ 3,288'; ATTEMPT TO PERF. & SQZ. A CMT. PLUG @ 1,975' - COULD NOT PUMP INTO @ 1,300#; MIX & PUMP A 35 SX. CMT. PLUG @ 2,025'; WOC & TAG TOP OF CMT. PLUG @ 1,748'; PERF. @ 255' & MIX & CIRC. A 90 SX. CMT. PLUG BACK TO SURFACE; DIG OUT & CUT OFF WELLHEAD 3' B.G.L.; INSTALL DRY HOLE MARKER.

WELL PLUGGED AND ABANDONED 04/22/08.

ACCEPTED FOR RECORD

MAY 2 2008

J. Amos

14 I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

DAVID A. EYLER

Title

AGENT

Date

04/28/08

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Chris Williams

OC DISTRICT SUPERVISOR/GENERAL MANAGER

Title

Office

Date

Conditions of approval, if any, are attached. Approval of this notice 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.

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRORATOR OFFICE	

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
 Supersedes Old C-104 and C-110
 Effective 1-1-65

I. OPERATOR

Ernest A. Hanson

Address
P. O. Box 1515, Roswell, New Mexico

Reason(s) for filing (Check proper box)

New Well ☒	Change In Transporter of:	Other (Please explain)
Recompletion ☐	Oil ☐	Dry Gas ☐
Change In Ownership ☐	Casinghead Gas ☐	Condensate ☐

If change of ownership give name and address of previous owner:

II. DESCRIPTION OF WELL AND LEASE

Lease Name Mescalero Ridge Unit 35 14	Well No. 14	Pool Name, including Formation Pearl Queen	Kind of Lease State, Federal or Fee Fed.
Location			
Unit Letter D ; 660 Feet From The North Line and 990 Feet From The West			
Line of Section 35 , Township 19-S Range 34-E , NMPM, Lea County			

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐ Shell Pipe Line Corp.	Address (Give address to which approved copy of this form is to be sent) P. O. Box 1598, Hobbs, New Mexico
Name of Authorized Transporter of Casinghead Gas ☒ or Dry Gas ☐ Phillips Petroleum Co.	Address (Give address to which approved copy of this form is to be sent) Bartlesville, Oklahoma
If well produces oil or liquids, give location of tanks. Unit F , Sec. 35 , Twp. 19S , Rge. 34E	Is gas actually connected? Yes When 7-25-66

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well ☒ Gas Well ☐ New Well ☐ Workover ☐ Deepen ☐ Plug Back ☐ Same Res'r. ☐ Diff. Res'r. ☐
Date Spudded 7-13-66	Date Compl. Ready to Prod. 7-25-66
Pool Pearl Queen	Name of Producing Formation Queen Fm.
Perforations 1 SPF @ 4599, 4601, 4612, 4614, 4625, 4629, 4768, 4769,	Top Oil/Gas Pay 4599'
	Tubing Depth 4575'
	Depth Casing Shoe 5050'
TUBING, CASING, AND CEMENTING RECORD	
HOLE SIZE 12-1/4"	CASING & TUBING SIZE 8-5/8"
	DEPTH SET 206'
	SACKS CEMENT 125 bx. circ.
	350 bx.

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks 7-25-66	Date of Test 7-25-66	Producing Method (Flow, pump, gas lift, etc.) Pumping
Length of Test 24 hrs.	Tubing Pressure	Casing Pressure
Actual Prod. During Test	Oil-Bbls. 48	Water-Bbls. 3
		Gas-MCF

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure	Casing Pressure	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Ernest A. Hanson
 (Signature)
Explor. Mgr.
 (Title)
August 6, 1966
 (Date)

OIL CONSERVATION COMMISSION

APPROVED _____, 19____
 BY _____
 TITLE _____

This form is to be filed in compliance with RULE 1104.
 If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
 All sections of this form must be filled out completely for allowable on new and recompleted wells.
 Fill out Sections I, II, III, and VI only for changes of owner, well name or number, or transporter, or other such change of condition.
 Separate Forms C-104 must be filed for each pool in multiply completed wells.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(See other instructions on reverse side)

SUBMIT IN DUPLICATE

Form approved.
Budget Bureau No. 42-R355.6.

5. LEASE DESIGNATION AND SERIAL NO.

NM 052

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Mescalero Ridge

8. FARM OR LEASE NAME

Mescalero Ridge Unit

9. WELL NO.

6-35

10. FIELD AND POOL, OR WILDCAT

Undesignated

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 35 - 19S - 34E

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. DESVR. ☐ Other ☐

2. NAME OF OPERATOR

ERNEST A. HANSON

3. ADDRESS OF OPERATOR

P. O. Box 1515, Roswell, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 660' FNL & 1980' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

7-10-64

16. DATE T.D. REACHED

7-26-64

17. DATE COMPL. (Ready to prod.)

8-5-64

18. ELEVATIONS (DF, RKB, RT, GB, ETC.)*

3728' KB

19. ELEV. CASINOHEAD

3719'

20. TOTAL DEPTH, MD & TVD

5250'

21. PLUG, BACK T.D., MD & TVD

5250'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-5250'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

4591-5184' Queen Formation

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Formation Density

27. WAS WELL CORED

Yes

28.

CASING RECORD (Report all strings set in well)

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	23	212	11	125 ex. circulated	None
5-1/2	15-1/2	5250	7-7/8	350 ex.	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8	4590	None

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

1 jet/ft. @ 4591-92, 4600, 4610, 4612, 4630-31, 4860-61, 4863-67, 4981-84, 4994-96, 5171-73, and 5182-84'.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4591-4631	1250 A. 20,000 oil & 10,000 sd.
4860-4867	250 A. 20,000 oil & 10,000 sd.
4981-4996	250 A. 20,000 oil & 10,000 sd.
5171-5184	250 A. 20,000 oil & 10,000 sd.

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
8-5-64		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-17-64	24	2"	→	90		10	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
	600#	→	90			10	36

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

TEST WITNESSED BY

H. F. Schram

35. LIST OF ATTACHMENTS

2 - Formation density logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Harry F. Schram

TITLE

Geologist

DATE

8-18-64

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35. Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions. Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval. Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Queen Fm.	4606	4652	Rec. 42.4': 3' shly. sd., 3' dense dolo., 7' gry. sd., w/SO, 4' shly. dolo., 10' gry. sd. w/SO, 7' shly. sd. w/MS, 5-1/2' dense dolo.	F. Anhy. T. Salt B. Salt T. Yates T. Queen T. Penrose	1797 1923 3352 3573 4560 4912	
Queen Fm.	4916	4935	Rec. 19': 5' sandy dolo., 2' dense dolo., 7' sandy dolo., 5' dense dolo., NS			

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE
(Other instructions
reverse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 052

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Mescalero Ridge

8. FARM OR LEASE NAME

Mescalero Ridge Unit

9. WELL NO.

6-35

10. FIELD AND POOL, OR WILDCAT

Undesignated

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 35-19S-34E

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)1. OIL WELL ☒ GAS WELL ☐ OTHER ☐2. NAME OF OPERATOR
ERNEST A. HANSON3. ADDRESS OF OPERATOR
P. O. Box 1515, Roswell, New Mexico4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface660' FNL & 1980' FNL
Sec. 35, T. 19 S., R. 34 E., N.M.P.M.
Lea County, New Mexico

14. PERMIT NO.

15. ELEVATIONS (Show whether DT, RT, OR, etc.)

3728' KB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☒SHOOTING OR ACIDIZING ☒(Other) Running production casing ☒(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.) *7-26-64 Ran 5-1/2", 15-1/2", J-55 casing @ 5250' w/350 ex. of Incore cement. Top
of cement at 3310'. Circulated plug down w/250 gals. acetic acid.8-3-64 Perf. 1 jet/ft. in acetic acid @ 4591-92, 4600, 4610, 4612, 4630-31,
4860-61, 4863-67, 4981-84, 4994-96, 5171-73 & 5182-84'.8-4-64 Each reservoir, as indicated, was treated limited entry between BOWCO
HM straddle packers:

4591-4631'	1250 gals. acid, 20,000 gals. lease oil & 10,000 lbs. sand.
4860-4867'	250 gals. acid, 20,000 gals. lease oil & 10,000 lbs. sand.
4981-4996'	250 gals. acid, 20,000 gals. lease oil & 10,000 lbs. sand.
5171-5184'	250 gals. acid, 20,000 gals. lease oil & 10,000 lbs. sand.

18. I hereby certify that the foregoing is true and correct

SIGNED Harry A. GordonTITLE GeologistDATE August 6, 1964

(This space for Federal or State office use)

APPROVED

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

AUG 19 1964

*See Instructions on Reverse Side
L. GORDON
ACTING DISTRICT ENGINEER

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPlicate
(Other instruction
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 052

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT ASSIGNMENT NAME

Mesalero Ridge

8. FARM OR LEASE NAME

Mesalero Ridge Unit

9. WELL NO.

6-38

10. FIELD AND POOL, OR WILDCAT

Undesignated

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 35-198-34E

12. COUNTY OR PARISH 13. STATE

Lea

New Mexico

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)1. ☐ OIL
WELL ☒ GAS
WELL ☐ OTHER

2. NAME OF OPERATOR

ERNEST A. HANSON

3. ADDRESS OF OPERATOR

P. O. Box 1315, Roswell, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

660' FWL & 1980' FWL

Sec. 35, T. 19 S., R. 34 E., N.M.P.M.

Lea County, New Mexico

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, OR, etc.)

3728' KB

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.)*7-10-64 Ran 8-5/8", 234, H-40 casing @ 212' w/125 ex. Incore cement. Cement
circulated.7-11-64 WOC 24 hrs. Press. casing to 600 lbs. for 30 mins. No leaks. Drig.
ahead.

7-12-64 Drig. 1225' red beds.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

Geologist

DATE

August 8, 1964

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

DATE

AUG 10 1964

*See Instructions on Reverse Side

J. L. GORDON
ACTING DISTRICT ENGINEER

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

FORM APPROVED

(See instructions on
reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESEA ☐
N.M. Oil Cons.
P.O. 1980
Hobbs, NM 88241

2. NAME OF OPERATOR

DEVON ENERGY CORPORATION (NEVADA)

3. ADDRESS AND TELEPHONE NO.

20 N. BROADWAY, SUITE 1500, OKC, OK 73102-8260 (405) 235-3611

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1350' FNL & 2570' FEL Unit G Section 35-T19S-R34E Lea Cnty, NM

At top prod. interval reported below (SAME)

At total depth (SAME)

5. LEASE DESIGNATION AND SERIAL NO.
NM-NM0526. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A7. UNIT AGREEMENT NAME
Mescalero Ridge 891007465B8. FARM OR LEASE NAME, WELL NO.
MESCALERO RIDGE 35 UNIT #269. API WELL NO.
30-025-3417610. FIELD AND POOL, OR WILDCAT
Pearl (Queen)11. SEC., T., R., N., OR BLOCK AND SURVEY OR AREA
Unit G
Section 35-T19S-R34E

14. PERMIT NO.		DATE ISSUED 10-28-97		12. COUNTY OR PARISH Lea County		13. STATE New Mexico			
15. DATE SPUNDED 12/3/97		16. DATE T.D. REACHED 12/12/97		17. DATE COMPL. (Ready to prod.) 1/15/98		18. ELEVATIONS (OF, RKB, RT, GR, ETC.)* GL 3716', KB 3728'		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 5236'		21. PLUG, BACK T.D., MD & TVD 5161'		22. IF MULTIPLE COMPL., HOW MANY? N/A		23. INTERVALS DRILLED BY ACCEPTED FOR RECORD		24. ROTARY TOOLS X	
25. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4576-4990' Queen		26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Laterlog/Micro-SFL/GR, Spectral Density/Dual Spaced Neutron and Cement Bond logs		27. WAS DIRECTIONAL SURVEY MADE NO		28. WAS WELL CORED NO			

28. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLES SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8 5/8" J-55	24#	1535'	12 1/4"	surf; 500 sx Poz C + 200 sx Cl C	
5 1/2" J-55	15.5#	5235'	7 7/8"	surf; 510 sx Poz C + 430 sx Cl C	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	4820'	

31. PERFORATION RECORD (Interval, size and number)		32. ACID SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
4576-4631' w/40 holes (.40" EHD) Upper Queen		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4734-4738' w/5 holes (.40" EHD) Queen 4		4576-4631'	2500 gals 15% HCl acid + 80 BS
4898-4903' w/6 holes (.40" EHD) Penrose 2			32,000 gals Aqua-Frac-3000 + 2000# mesh sd
4972-4990' w/14 holes (.40" EHD) Penrose 3		(Continued on reverse)	+ 60,500# 16/30 Brady sd

33.* PRODUCTION							
DATE FIRST PRODUCTION 1/16/98		PRODUCTIONS METHOD (Flowing, gas lift, pumping—size and type of pump) 2" x 1 1/2" x 24' pump				WELL STATUS (Producing or shut-in) producing	
DATE OF TEST 2/5/98	HOURS TESTED 24	CROWD SIZE	PROD'N FOR TEST PERIOD	OIL-BBL. 90	GAS-MCF. 35	WATER-BBL. 188	GAS-OIL RATIO 389/1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL. 90	GAS-MCF. 35	WATER-BBL. 188	OIL GRAVITY-API (CORR.) 36.8	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
soldTEST WITNESSED BY
Joe Handley35. LIST OF ATTACHMENTS
open hole logs, bond log, deviation survey report

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Candace R. GrahamCANDACE R. GRAHAM
TITLE ENGINEERING TECHNICIANDATE February 26, 1998

*(See instructions and spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

JC

38. **GEOLOGIC MARKERS**

FURNIATION		TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	
							TRUE VERT. DEPTH	
Upper Queen	4574'	4632'	oil sand	oil sand	Rustler	1805'	1805'	
Lower Queen	4734'	4738'	oil sand		Salado	2047'	2047'	
Pearose 1	4854'	4862'	oil sand		Yates	3548'	3548'	
Pearose 2	4898'	4919'	oil sand		Seven Rivers	3886'	3886'	
Pearose 3	4971'	4990'	oil sand		Queen	4558'	4558'	
DEPTH				ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. (continued from the front)	TD	5236'		
4734-4990'				1500 gals 15% HCl + 50 BS 89,368 gals Aqua-Frac-3000 + 6600# 100 mesh sd + 156,900# 16/30 Brady sd				

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
1980
NM 88241

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other -----

2. Name of Operator
DEVON ENERGY CORPORATION (NEVADA)

3. Address and Telephone No.
20 NORTH BROADWAY, SUITE 1600, OKLAHOMA CITY, OKLAHOMA 73102 (405) 235-3611

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1350' FSL & 2570' FEL Unit G Section 35-T19S-R34E Lea Cnty, NM

5. Lease Designation and Serial No.
NM052

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation
891007465B

8. Well Name and No.
Mescalero Ridge 25 Unit #26

9. API Well No.
30-025-34176

10. Field and Pool, or Exploratory Area
Pearl (Queen)

11. County or Parish, State
Lea Cnty, New Mexico

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
☐ Notice of Intent	☐ Abandonment
☒ Subsequent Report	☐ Recompletion
☐ Final Abandonment Notice	☐ Plugging Back
	☐ Casing Repair
	☐ Altering Casing
	☒ Other Spud, csg string, TD
	☐ Change of Plans
	☐ New Construction
	☐ Non-Routine Fracturing
	☐ Water Shut-Off
	☐ Conversion to Injection
	☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

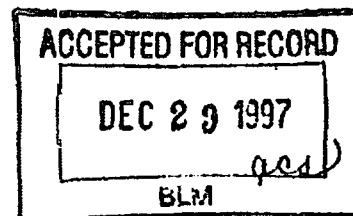
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

This well spud on 12-03-97 at 1530 hrs and drld a 12 1/4" hole to 1536'. On 12-05-97 ran 35 jts 8 5/8" 24# J-55 ST&C csg, set at 1535'; cemented with 500 sx 35/65 Pozmix "C" + 200 sx Class "C"; TOC at surface. WOC 23 hrs.

Drld 7 7/8" hole and reached TD 5236' at 0715 hrs 12-12-97. Halliburton ran Dual Laterlog/Micro-SFL/GR and Spectral Density/Dual Spaced Neutron logs.

On 12-13-97 ran 120 jts 5 1/2" 15.5# J-55 LT&C csg, set at 5235'; cemented with 510 sx Pozmix "C" + 430 sx Class "C"; preceded cement by 500 gals mud flush; TOC calc at surface.

Released rig at 2130 hrs 12-13-97. WOCU.



14. I hereby certify that the foregoing is true and correct

Signed Candace R. Graham

CANDACE R. GRAHAM
ENGINEERING TECH.

Date 12/17/97

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. M.M. 052	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTED OR TRIBE NAME	
2. NAME OF OPERATOR Ernest A. Hanson		7. UNIT AGREEMENT NAME Mescalero Ridge	
3. ADDRESS OF OPERATOR P. O. Box 1515, Roswell, New Mexico		8. FARM OR LEASE NAME Mescalero Ridge Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FNL & 1980' FEL At top prod. interval reported below At total depth		9. WELL NO. 7-35	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPOUDED 10/29/64		16. DATE T.D. REACHED 11/16/64	
17. DATE COMPL. (Ready to prod.) 11/20/64		18. ELEVATIONS (DF, REB, RT, OR, ETC.)* 3721' KB	
19. ELV. CASINGHEAD 3710'		10. FIELD AND POOL, OR WILDCAT Undesignated	
20. TOTAL DEPTH, MD & TVD 5250'		21. PLUG. BACK T.D., MD & TVD 5222'	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY 0-5250	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4601-5209' Queen Formation		25. WAS DIRECTIONAL SURVEY MADE NO	
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray-Neutron and Temperature Survey		27. WAS WELL CORED Yes	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8-5/8"	23#	206	12"
5-1/2"	15 1/2#	5249	7-7/8"
CEMENTING RECORD		AMOUNT PULLED	
125 sz. Incore-Circulater			
350 sz. Incore-Top @ 3340'			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*
30. TUBING RECORD		PACKER SET (MD)	
SIZE	DEPTH SET (MD)		
2-3/8"	4600	NONE	
31. PERFORATION RECORD (Interval, size and number)			
1-0.40" SPV @ 4601, 4603, 4608, 4610, 4623, 4633, 4639, 4859-4865, 4968-4971, 4981-4983, & 5203-5209'.			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
5203-5209		250 gals. acid	
4968-4983		250 acid, 16,800 LB + 16,000 ad.	
4859-4865		250 acid, 17,400 LB + 16,000 ad.	
4601-4639		1000 acid, 13,540 LB + 14,000 ad.	
33.* PRODUCTION			
DATE FIRST PRODUCTION November 20, 1964		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping	
DATE OF TEST 11/20/64		WELL STATUS (Producing or shut-in) Producing	
HOURS TESTED 24 hrs.	CHOKE SIZE 2"	PROD'N. FOR TEST PERIOD 48	OIL—BBL. 48
FLOW. TUBING PRESS.	CASING PRESSURE	WATER—BBL. 2	GAS—MCF. 2
CALCULATED 24-HOUR RATE 48	OIL—BBL. 48	GAS—MCF. 2	OIL GRAVITY-API (CORR.) 36
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold to Phillips Petroleum Company			
35. LIST OF ATTACHMENTS 2- Gamma Ray/Neutron & Temperature Survey			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED Harry P. Liberman		TITLE Geologist	
DATE November 21, 1964			

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 83, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Queen Fm. #1	4604	4654	Rec. 50' being 12' sd. w/scat. SO, 3' gry. dolo., 8' sd. w/scat. SO, 5' dolo., 15' sd. w/scat. SO, 7' gry. dolo.	T. Anhy.	1805	
Queen Fm. #2	4864	4879	Rec. 15' being 5' sd. w/scat. SO, 15' gry. dolo. w/NS.	T. Salt	1930	
Queen Fm. #3	4912	4962	Rec. 50' being 13' shly. sd., 2' dolo., 6' shly sd. w/NS, 35' gry. dolo.	B. Salt	3354	
Queen Fm. #4	4962	5016	Rec. 52' being 6' dolo., 9' sd. w/SO, 1' dolo., 10' sd. w/SO, 21' dolo., 5' dense sd. w/ns.	T. Yates	3575	
Queen Fm. #5	5135	5170	Rec. 35' being dolo. w/SSO @ 5165-68'.	T. Queen	4569	
				T. Penrose	4904	

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions
verse side)

Form approved.
Budget Bureau No. 42-R1424.

6. LEASE DESIGNATION AND SERIAL NO.

N.M. 052

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Ernest A. Hanson

3. ADDRESS OF OPERATOR

P. O. Box 1515, Roswell, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

660' FNL & 1080' FNL

Sec. 35, T. 19 S., R. 34 E., N.M.P.M.

7. UNIT AGREEMENT NAME

Mescalero Ridge

8. FARM OR LEASE NAME

Mescalero Ridge Unit

9. WELL NO.

7-35

10. FIELD AND POOL, OR WILDCAT

Undesignated

11. SEC., T., E., M., OR BLK. AND
SURVEY OR AREA

Sec. 35-19S-34E

14. PERMIT NO.

15. ELEVATIONS (Show whether DT, RT, GR, etc.)

3721' KB

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

Production Casing

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

T. D. 5250' dolo.

**Ran 3-1/2", 15 1/2", J-55 casing to 5249' & cemented with 350 sz. Incore cement.
Press. to 2000 lbs. & held for 48 hours. Top of cement @ 3340' (Temp. survey).**

**Perf. 1 SPT @ 4601, 4603, 4608, 4610, 4623, 4633, 4639, 4859-4865, 4968-4971,
4981-4983 & 5203-5209'.**

Frac w/1750 gals. Spearhead acid, 49,740 gals. lease oil and 48,000 lbs. sand.

18. I hereby certify that the foregoing is true and correct

SIGNED

Harry P. Schward

TITLE

Geologist

DATE

November 20, 1964

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

APPROVED

DATE

NOV 25 1964

*See Instructions on Reverse Side

**J. L. GORDON
ACTING DISTRICT ENGINEER**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. UNIT AGREEMENT NAME Hescalero Ridge Unit
2. NAME OF OPERATOR Ernest A. Hanson	8. FARM OR LEASE NAME Hescalero Ridge Unit
3. ADDRESS OF OPERATOR P. O. Box 1515, Roswell, New Mexico	9. WELL NO. 7-35
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 660' FNL & 1980' FNL Sec. 35, T. 19 S., R. 34 E., N.M.P.M. Lea County, New Mexico	10. FIELD AND POOL, OR WILDCAT Undesignated
14. PERMIT NO.	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 35-19S-34E
15. ELEVATIONS (Show whether DT, RT, OR, etc.) 3710 GL	12. COUNTY OR PARISH Lea
	13. STATE New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF ☐	PULL OR ALTER CASING ☐	WATER SHUT-OFF ☒	REPAIRING WELL ☐
FRACTURE TREAT ☐	MULTIPLE COMPLETE ☐	FRACTURE TREATMENT ☐	ALTERING CASING ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☐	SHOOTING OR ACIDIZING ☐	ABANDONMENT* ☐
REPAIR WELL ☐	CHANGE PLANS ☐	(Other) ☐	
(Other) ☐		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

10/28/64 Spud well @ 6:00 P.M.

10/29/64 Ran 8-5/8", 23#, H-40 casing @ 206' w/125 sz. Incore cement.

10/30/64 WOC 24 hrs. Press. casing to 600# for 30 mins. No leaks.
Drilg. ahead @ 693'.

18. I hereby certify that the foregoing is true and correct

SIGNED Harry F. JohnsonTITLE GeologistDATE Oct. 30, 1964

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:TITLE _____
DATE NOV 3 1964

J. L. GORDON

*See Instructions on Reverse Side
DISTRICT ENGINEER

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. ENVR. ☐ Other _____

2. NAME OF OPERATOR

ARCO Oil and Gas Company

3. ADDRESS OF OPERATOR

P.O. Box 1610, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 2240' FNL & 2030' FWL (Unit F)

At top prod. interval reported below as above

At total depth as above

14. PERMIT NO. DATE ISSUED
30-025-29517

5. LEASE DESIGNATION AND SERIAL NO.
NM-052

6. IF INDIAN, ALIOTTE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Mescalero Ridge Unit 35

9. WELL NO.

18

10. FIELD AND POOL, OR WILDCAT

Pearl Queen

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

35-19S-34E

12. COUNTY OR PARISH
Lea

13. STATE
NM

15. DATE SPUNDED 12-6-85 16. DATE T.D. REACHED 1-5-86 17. DATE COMPL. (Ready to prod.) 2-8-86 18. ELEVATIONS (DF, RKB, ST, GR, ETC.)* 3724.8 KB 19. ELEV. CASINOHEAD

20. TOTAL DEPTH, MD & TVD 5250 21. PLUG BACK T.D., MD & TVD 5206 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-5250 24. ROTARY TOOLS 25. CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4880-4936 Penrose 4576-4753 Queen 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN GR-CNL-LDT, GR-DLL-MSFL 27. WAS WELL CORDED No

28. CASING RECORD (Report all strings set in well)

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	24	1812	12-1/4	800 sx. Circ cmt	
5-1/2	15.5	5250	7-7/8	1270 sx. Circ cmt	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8	4596	

31. PERFORATION RECORD (Interval, size and number)

4880-4936. 1/2" 1 JSPF - 7 holes
4576-4753. 1/2" 1 JSPF - 14 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4880-4936	A w/2500 gals. Frac w/15000 gals & 30,000# 20/40 sd.
4576-4753	A w/5000 gals. Frac w/34,000 gal. & 79,000# 20/40 sd.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
2-8-86		Pumping - 1-3/4"				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-12-86	24		→	25	12	299	480
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
50	50	→	25	12	299	37.0	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

TEST WITNESSED BY
Don Johnson

35. LIST OF ATTACHMENTS

GR-CNL-LDT, GR-DLL-MSFL

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

915-684-0312

SIGNED Ken C. Gosnell

TITLE Engr. Tech. Spec.

DATE 2-14-86

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):					38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH	
				Yates Queen Penrose	3658 4564 4932		

RECEIVED
 FEB 17 1986
 O.C.T.
 NOBES OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
HOBBS, NEW MEXICO 88240

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other ☐

2. NAME OF OPERATOR ARCO Oil and Gas Company
Division of Atlantic Richfield Company

3. ADDRESS OF OPERATOR

P. O. Box 1710, Hobbs, New Mexico 88240

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 1980' FNL & 1980' FWL

AT TOP PROD. INTERVAL: as above

AT TOTAL DEPTH: as above

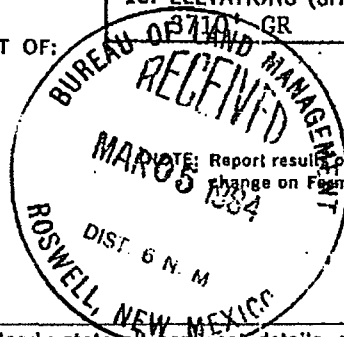
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

☐
☐
☐
☐
☐
☐
☐
☒



5. LEASE

NM-052

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Mescalero Ridge Unit 35

9. WELL NO.

5

10. FIELD OR WILDCAT NAME

Pearl Queen

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

35-19S-34E

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

GR

NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

RU 2/23/84. Installed BOP. Press tested to 1800# OK. Perf'd tbg w/2 JS @ 3400'. Pmpd down tbg ARO 1 1/2 BPM @ 1400#. Cut tbg @ 3150' & POH. RIH w/tbg & cmt retr. Set retr @ 3115'. Cmt'd w/500 sx BJ Cl H cmt. Max press 2000#. RO 10 sx cmt. Displ hole 3110-1850' w/10# brine w/25 sx per 100 bbls salt gel. POH w/tbg. Set pkr @ 1799' & established circ between 8-5/8" x 5 1/2" csg annulus to surf. POH w/pkr & tbg. Pmpd 1100 sx Cl H cmt down 5 1/2" csg. Partial returns to surf. 5 1/2" csg full of cmt to surf. Max press while pumping cmt was 1200#. Pmpd 100 sx Cl H cmt down 8-5/8" x 5 1/2" csg annulus, closed valve & WOC. Cut off wellhead below GL & installed regulati dry hole marker. Cleaned location. P&A eff 2/28/84. Final Report.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Robert E. Ballinger TITLE Drig. Engr. DATE 3/01/84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE 8-13-85
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved
Budget Bureau No. 42-R555.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM 052	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESV. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Ernest A. Hanson		7. UNIT AGREEMENT NAME Mescalero Ridge	
3. ADDRESS OF OPERATOR P. O. Box 1515, Roswell, New Mexico		8. FARM OR LEASE NAME Mescalero Ridge Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FNL & FWL At top prod. interval reported below Sec. 35, T. 19 S., R. 34 E., N.M.P.M. At total depth Lea County, New Mexico		9. WELL NO. 5-35	
14. PERMIT NO.		18. STATE New Mexico	
15. DATE SPUDDED 6-22-64		18. COUNTY OR PARISH Lea	
16. DATE T.D. REACHED 7-8-64		18. STATE New Mexico	
17. DATE COMPL. (Ready to prod.) 7-25-64		18. STATE New Mexico	
18. ELEVATIONS (DF, REB, HT, GR, ETC.)* 3719' KB		18. STATE New Mexico	
19. ELEV. CASINGHEAD 3710'		18. STATE New Mexico	
20. TOTAL DEPTH, MD & TVD 5286'		18. STATE New Mexico	
21. PLUG, BACK T.D., MD & TVD 5230'		18. STATE New Mexico	
22. IF MULTIPLE COMPL., HOW MANY*		18. STATE New Mexico	
23. INTERVALS DRILLED BY 0-5286'		18. STATE New Mexico	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4576-5150' Queen Formation		18. STATE New Mexico	
25. WAS DIRECTIONAL SURVEY MADE No		18. STATE New Mexico	
26. TYPE ELECTRIC AND OTHER LOGS RUN Formation Density		18. STATE New Mexico	
27. WAS WELL CORED Yes		18. STATE New Mexico	
28. CASING RECORD (Report all strings set in well)		18. STATE New Mexico	
29. LINER RECORD		18. STATE New Mexico	
30. TUBING RECORD		18. STATE New Mexico	
31. PERFORATION RECORD (Interval, size and number)		18. STATE New Mexico	
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		18. STATE New Mexico	
33. PRODUCTION		18. STATE New Mexico	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		18. STATE New Mexico	
35. LIST OF ATTACHMENTS		18. STATE New Mexico	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		18. STATE New Mexico	
SIGNED Harry F. Schram		18. STATE New Mexico	
TITLE Geologist		18. STATE New Mexico	
DATE July 27, 1964		18. STATE New Mexico	

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 88, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CURSION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Queen Fm.	4912	4945	Rec. 33': 2' gry. dense dolo. w/NS, 2' f. gr. gry. ad. w/SO, 5' gry. dense dolo. w/NS, 5' f. gr. gry. ad. w/GSO, 16' f. gr. rd. shly. ad., 3' dense dolo. w/NS.	Anhydrite T. of Salt B. of Salt Yates Fm. Queen Fm. Penrose sd.	1762' 1910' 3368' 3580' 4556' 4914'	
Queen Fm.	5117	5143	Rec. 25': 25' dense gry. dolo. w/NS			

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIP
(Other instruction
verse side)Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back on a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	5. LEASE DESIGNATION AND SERIAL NO. NM 032
2. NAME OF OPERATOR ERNEST A. HANSON	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 1515, Roswell, New Mexico	7. UNIT AGREEMENT NAME Mescalero Ridge
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1980' FNL & FWL Sec. 35, T. 19 S., R. 34 E., N.M.P.M.	8. FARM OR LEASE NAME Mescalero Ridge Unit
14. PERMIT NO.	9. WELL NO. 05-35
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3719' KB	10. FIELD AND POOL, OR WILDCAT Pearl Queen
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 35-19S-34E
	12. COUNTY OR PARISH Lea
	13. STATE New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF ☐	PULL OR ALTER CASING ☐	WATER SHUT-OFF ☒	REPAIRING WELL ☐
FRACTURE TREAT ☐	MULTIPLE COMPLETE ☐	FRACTURE TREATMENT ☒	ALTERING CASING ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☐	SHOOTING OR ACIDIZING ☒	ABANDONMENT* ☐
REPAIR WELL ☐	CHANGE PLANS ☐	(Other) ☒ Running production casing	
(Other) ☐		(Note: Report results of multiple completion on well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Ran 5-1/2", 15-1/2", J-55 casing @ 5230' w/350 sx. of Incore cement. Top of cement @ 3325'. Circulated plug down w/250 gals. acetic acid.

Perf. 1 - 0.33" jet/ft. @ 4576, 4595-96, 4606, 4618, 4627-28, 4671-74, 4921-23 & 5144-50'

Each reservoir, as indicated, was treated limited entry between HOWCO IM straddle packers:

4576-4628'	250 gals. acid, 750 bbls. lease oil & 17,670 lbs. sand.
4871-4923'	250 gals. acid, 571 bbls. lease oil & 15,000 lbs. sand.
5144-5150'	250 gals. acid, 458 bbls. lease oil & 11,000 lbs. sand.

18. I hereby certify that the foregoing is true and correct

SIGNED *Harry F. Johnson*

TITLE *Geologist*

DATE *July 27, 1964*

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

J. L. GORDON
ACTING DIRECTOR

*See Instructions on Reverse Side

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised May 08, 2003

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-21266
1. Type of Well: Oil Well ☐ Gas Well ☐ Other Injection - Plug & Abandon		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator Merit Energy		6. State Oil & Gas Lease No.
3. Address of Operator 13272 Noel Rd - Suite 500 - Dallas, TX 75240		7. Lease Name or Unit Agreement Name Mescalero Ridge Unit 35
4. Well Location Unit Letter E : 1980 feet from the North line and 990 feet from the West line Section 35 Township 19S Range 34E NMPM Lea County		8. Well Number 12
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3177'		9. OGRID Number
		10. Pool name or Wildcat Pearl Queen

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐	REMEDIAL WORK ☐ ALTERING CASING ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐	COMMENCE DRILLING OPNS ☐ PLUG AND ABANDONMENT ☒
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐	CASING TEST AND CEMENT JOB ☐
OTHER: ☐	OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

8-23-25-2003 - Moved pulling unit and BOP truck to location. Spotted rig on location.

8-26-2003 - Moved pump truck to location.

8-27-2003 - Rigged up pulling unit. Verified that dogs were seated and latched. Lined and fenced pit. Nippled down wellhead and nippled up BOP. Worked stuck packer and rotated tubing. Worked same with tension and downward force. Unable to release packer. Shut well in for night.

8-28-2003 - Worked tubing to release packer - could not release. Rigged up wireline. RIH with jet cutter and worked down to 1066'. Cutter hung up. Worked free. POOH. Worked tubing while waiting on hot oil truck. Pumped 76 bbls hot water down tubing at 1 BPM at 1000 psi. RIH with 1-5/8" weight bar to 4500' - tubing clean. POOH. Shut well in for night.

8-29-2003 - RIH with jet cutter to 4500' - cutter would not detonate. POOH and change out igniter. RIH and cut 2-3/8" tubing at 4450'. POOH with 21 stands of tubing and a 4' piece. RIH with gauge ring to 4450'. POOH. RIH and set CIBP at 4450'. POOH. Shut well in for night.

8-30-2003 - Dumped 35' of cement on top of CIBP with baller. RIH with 2-3/8" tubing open ended to 4400'. Circulated hole with plugging mud. POOH. Rigged up wireline. RIH and perforated 5-1/2" casing at 3440' with 4

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

SIGNATURE Rusty Klein TITLE Agent DATE Oct 12, 2003
Type or print name Rusty Klein Telephone No. 365-4245
(This space for State use)

APPROVED BY Larry W. Wink DISTRICT SUPERVISOR/GENERAL MANAGER DATE Oct 16, 2003
Conditions of approval, if any

Approved as to plugging of the Well Bore.
Liability under bond is retained until
surface restoration is completed.

MERIT ENERGY
Mescalero Ridge Unit 35 #2
Section 35-T19S-R34E
Lea County, New Mexico

SUNDRY NOTICE CONTINUED:

holes. POOH and rigged down wireline. RIH with packer and tubing to 3000'. Nipped up pump truck and cleared tubing. Set packer. Pressured tubing to 1000 psi & held for 10 minutes. Had no decrease in pressure. Released pressure. Engaged pump with same results. Shut well in for night.

8-31-9-3-2003 - Released packer and POOH. RIH with open ended 2-3/8" tubing to 3500'. Cleared tubing. Spotted 25 sacks Class "C" and flushed to balance. POOH with tubing. WOC 3 hours. RIH with tubing and tagged top of cement at 3250'. POOH. Rigged up wireline. RIH and perforated 5-1/2" casing at 2530'. POOH and rigged down wireline. RIH with packer and tubing to 2000'. Cleared tubing. Set packer. Pressure to 1000 psi. Shut well in for night.

9-4-2003 - Released packer and POOH. RIH with open ended 2-3/8" tubing to 2580'. Spotted 25 sacks "C" Neat and flushed to balance. POOH. WOC 3 hours. RIH and tagged top of cement at 2350'. POOH. Rigged up wireline. RIH and perforated 5-1/2" casing at 1640'. POOH and rigged down wireline. RIH with packer and tubing to 1200'. Cleared tubing and set packer. Pressured to 1000 psi. Shut well in for night.

9-5-2003 - Shut down to help mechanics service transmission oil cooler. Released packer and POOH. RIH with open ended 2-3/8" tubing to 1690'. Spotted 25 sacks "C" cement and flushed to balance. POOH. WOC 3 hours. RIH and tagged top of cement at 1453'. POOH. Rigged up wireline. RIH and perforated 5-1/2" casing at 296'. POOH and rigged down wireline. RIH with packer and tubing to 62'. Set packer. Opened 8-5/8" X 5-1/2" annulus. Established circulation. Spotted 10 sacks "C" and flushed to 175'. Shut in. ISIP 0. Shut well in for night. WOC.

9-9-2003 - RIH and tagged top of cement at 185'. POOH. Rigged up wireline. RIH and perforated 5-1/2" casing at 60'. Circulated 60 sacks of Class C cement up to surface. Dug out cellar. Rigged down pulling unit and plugging equipment. Installed regulation abandonment marker. PLUGGED AND ABANDONED - FINAL REPORT. Plugging completed 9-9-2003.



Rusty Klein

Agent for BCM & Associates
October 12, 2003

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE.

(See other in-
structions on
reverse side)Form approved,
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

6. LEASE DESIGNATION AND SERIAL NO.

N. M. 052

8. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Mescalero Ridge

8. FARM OR LEASE NAME

Mescalero Ridge Unit "35"

9. WELL NO.

12

10. FIELD AND POOL, OR WILDCAT

Pearl Queen

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec. 35 - 19S - 34E

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

Ernest A. Hanson

3. ADDRESS OF OPERATOR

P. O. Box 1515, Roswell, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

1980' FNL & 990' FNL

At top prod. interval reported below Sec. 35, T. 19 S., R. 34 E., NPM

At total depth

Lea County, New Mexico

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR
PARISH

Lea

18. STATE

New Mexico

15. DATE SPUDDED 7-25-65 16. DATE T.D. REACHED 8-9-65 17. DATE COMPL. (Ready to prod.) 8-15-65 18. ELEVATIONS (DF, REE, LT, GR, ETC.)* 3724' KB 19. ELBY. CASINGHEAD 3714'

20. TOTAL DEPTH, MD & TVD 5200' dolo. 21. PLUG, BACK T.D., MD & TVD 5116' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0 - 5200' ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

4568-5016' Queen Formation

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma-Ray/Neutron

27. WAS WELL CORED

Yes

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	32#	246'	11"	125 sx. circulated	None
6-1/2"	15#	5126'	7-7/8"	350 sx.	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	4565'	None

31. PERFORATION RECORD (Interval, size and number)

1 - 0.48" jet/ft. @ 4568', 4588', 4602',
4615', 4624', 4629', 4875', 4877', 4879',
5012', 5014' & 5016'.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4875-5016'	400 gal. acid + 10,000 gals. lease oil + 8000 lbs. sand.
4568-5629'	500 gal. acid + 21,500 lbs. sand + 20,000 gals. lease oil.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
8-15-65		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-15-65	24	2 nd	—————→	52		8	
FLOW, TUBING PRESS.	CASINO PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		—————→	52			8	36

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold to Phillips Petroleum Company

TEST WITNESSED BY

Truman Allen

35. LIST OF ATTACHMENTS

2 - Gamma Ray/Neutron logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

Operator

DATE

Aug 18, 1965

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 83, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Queen Fm. # 1	4578	4630	Rec. 52' dolo. & gray sand w/scat. SO in gray sand.	T. Anhydrite	1766'	
Queen Fm. # 2	4924	4956	Rec. 32' red & brown sand : dolo. w/MS.	T. Salt	1891'	
Queen Fm. # 3	5146	5168	Rec. 22' gray to brown dolo. w/MS.	B. Salt	3362'	
				T. Yates	3578'	
				T. Queen	4568'	
				T. Penrose	4924'	

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPlicate
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

N. M. 052

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or re-enter or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Ernest A. Hanson

3. ADDRESS OF OPERATOR

P. O. Box 1515, Roswell, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)

At surface

1980' FNL & 990' FWL
Sec. 35, T. 19 S., R. 34 E., NMPM
Lea County, New Mexico

14. PERMIT NO.

15. ELEVATIONS (Show whether DP, RT, OR, etc.)

3724' KB

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

12. COUNTY OR PARISH

13. STATE

14. LEASE NO.

15. WELL NO.

16. FIELD AND POOL, OR WILDCAT

17. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

18. COUNTY OR PARISH

19. STATE

20. LEASE NO.

21. WELL NO.

22. FIELD AND POOL, OR WILDCAT

23. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

24. COUNTY OR PARISH

25. STATE

26. LEASE NO.

27. WELL NO.

28. FIELD AND POOL, OR WILDCAT

29. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

30. COUNTY OR PARISH

31. STATE

32. LEASE NO.

33. WELL NO.

34. FIELD AND POOL, OR WILDCAT

35. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

36. COUNTY OR PARISH

37. STATE

38. LEASE NO.

39. WELL NO.

40. FIELD AND POOL, OR WILDCAT

41. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

42. COUNTY OR PARISH

43. STATE

44. LEASE NO.

45. WELL NO.

46. FIELD AND POOL, OR WILDCAT

47. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

48. COUNTY OR PARISH

49. STATE

50. LEASE NO.

51. WELL NO.

52. FIELD AND POOL, OR WILDCAT

53. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

54. COUNTY OR PARISH

55. STATE

56. LEASE NO.

57. WELL NO.

58. FIELD AND POOL, OR WILDCAT

59. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

60. COUNTY OR PARISH

61. STATE

62. LEASE NO.

63. WELL NO.

64. FIELD AND POOL, OR WILDCAT

65. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

66. COUNTY OR PARISH

67. STATE

68. LEASE NO.

69. WELL NO.

70. FIELD AND POOL, OR WILDCAT

71. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

72. COUNTY OR PARISH

73. STATE

74. LEASE NO.

75. WELL NO.

76. FIELD AND POOL, OR WILDCAT

77. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

78. COUNTY OR PARISH

79. STATE

80. LEASE NO.

81. WELL NO.

82. FIELD AND POOL, OR WILDCAT

83. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

84. COUNTY OR PARISH

85. STATE

86. LEASE NO.

87. WELL NO.

88. FIELD AND POOL, OR WILDCAT

89. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

90. COUNTY OR PARISH

91. STATE

92. LEASE NO.

93. WELL NO.

94. FIELD AND POOL, OR WILDCAT

95. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

96. COUNTY OR PARISH

97. STATE

98. LEASE NO.

99. WELL NO.

100. FIELD AND POOL, OR WILDCAT

18. I hereby certify that the foregoing is true and correct

SIGNED

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

Operator

Aug 18, 1965

APPROVED

*See Instructions on Reverse Side AUG 24 1965

J. L. GORDON
ACTING DISTRICT ENGINEER

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLIC.

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.

NM 052

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Mescalero Ridge Unit

8. FARM OR LEASE NAME

Mescalero Ridge Unit

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Pearl Queen

11. SEC., T., R., E., OR BLOCK AND SURVEY
OR AREA

34-19S-34E NM PM

12. COUNTY OR
PARISH

Lea

13. STATE

New Mex.

12. TYPE OF WELL: OIL ☐ GAS ☐ DRY ☒ Other

13. TYPE OF COMPLETION:

NEW
WELL ☐WORK
OVER ☐DEEP-
EN ☐PLUG
BACK ☐DIFF.
DEVEL. ☐Other ☐

Plug and Abandon

2. NAME OF OPERATOR

Sinclair Oil & Gas Company

3. ADDRESS OF OPERATOR

P. O. Box 1920, Hobbs, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1980' fr North line and 660' fr East line

At top prod. interval reported below

At total depth as above

1980'

660'

112'

152'

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

6-10-66

16. DATE T.D. REACHED

6-23-66

17. DATE COMPL. (Ready to prod.)

18. ELEVATIONS (OF, RES. RT, OR, ETC.)

3702'

20. TOTAL DEPTH, MD & TVD

5150'

21. PLUG, BACK T.D., MD & TVD

0'

22. IF MULTIPLE COMPL.,
HOW MANY?23. INTERVALS
DRILLED BY

ROTARY TOOLS

0-5150'

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

None

26. TYPE ELECTRIC AND OTHER LOGS RUN

Focused Log, Minifocused Log and Densilog.

27. WAS WELL CORRED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"OD	24#	200'	12-1/4"	100 sacks	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

None

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4650'-4950'	220 sks. Reg. w/15#Sd & 8# Slt, pe
3920'-4650'	250 sks. " " " " sack "
3450'-3550'	60 sks. Reg. Cement
1700'-1800'	50 sks. " " "

33. PRODUCTION 150'-250' 50 sks. " " "

DATE FIRST PRODUCTION

P&A

PRODUCTION METHOD (Flowing, gas lift, pumping—also date type of pump)

WELL STATUS (Producing or
shut-in)

DATE OF TEST

HOURS TESTED

CHOKER SIZE

PROD'N. FOR
TEST PERIOD

OIL—BSL.

GAS—MCF.

WATER—BSL.

GAS-OIL RATIO

FLOW, TUBING PRESS.

CASING PRESSURE

CALCULATED
24-HOUR RATE

OIL—BSL.

GAS—MCF.

WATER—BSL.

DIE-GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

Superintendent

DATE

6-30-66

*(See Instructions and Spaces for Additional Data on Reverse Side)

Orig&2cc: USGS Hobbs

cc: Regional Office

cc: Mrs. M.M.Rhea State Land Office cc: file

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE*
(Other instructions
reverse side)Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. NM 052
1. OIL WELL ☐ GAS WELL ☐ OTHER ☒ Plug and Abandon		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Sinclair Oil & Gas Company		7. UNIT AGREEMENT NAME Mescalero Ridge Unit
3. ADDRESS OF OPERATOR P. O. Box 1920, Hobbs, New Mexico		8. FARM OR LEASE NAME Mescalero Ridge Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1980' fr North line and 660' fr East line		9. WELL NO. 4
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Pearl Queen
15. ELEVATIONS (Show whether DF, RT, CR, etc.)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 34-19S-34E NM PM
		12. COUNTY OR PARISH Lea
		13. STATE New Mexico

10. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDISE ☐REPAIR WELL ☐

(Other)

PULL OR ALTER CASING ☐MULTIPLE COMPLETS ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐

(Other)

REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☒

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Reached total depth of 5150' 6-23-66, ran elect. logs, set 110 sk cement plug fr 4650-4950 w/heavy mud fr 4950-5150. Took DST#1 4550-4650 5/8x1" ck, no WC, open 2 hrs w/weak blow-continued weak thruout test-rec. 1020' muddy salt water, 5" IOFP 164, 1 hr ISIP 1650, 2 hr IOFP 254, FFP 613, 2 hr FSIP 1589, hyd 2564, temp 127°. Spotted 200 sk cement plug 4040-4650. Took DST#2 fr 3920-4040 Yates 5/8x1" ck, no WC, open 2 hrs w/good blow thru test, rec. 1590' muddy salt water, 5" IOFP 194, 1 hr ISIP 1544, 2 hr IOFP 358, FFP 952, 2 hr FSIP 1499, temp 64°. Set 85 sk cement plug 3920-4040. Took DST#3 Yates fr 3870-3920 5/8x1" ck, no WC, open 2 hr w/weak blow thruout test, rec. 90' drlg mud, 5" IOFP 39, 1 hr ISIP 1534, 2 hr IOFP 39, FFP 39, 15" IOFP 39, FFP 39, FSIP 1117. PLUGGED AND ABANDONED WELL AS FOLLOWS:

Set 40 sack cement plug 3450-3550.

Set 50 sack cement plug 1700-1800.

Set 50 Sack cement plug 150-250.

Set 10 sack cement in cellar & top of 8-5/8" csg w/regulation dry hole marker. DRY HOLE - Plugged and abandoned, 6-29-66.

(Top Salt 1800', Base Salt 3360', Top Yates 3586'. 8-5/8" csg set at 200' and cement circulated to surface.)

11. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

Superintendent

APPROVED

DATE 6-30-66

(This space for Federal or State office use)

APPROVED BY

TITLE

NOV 14 1966

DATE

CONDITIONS OF APPROVAL, IF ANY:

J L GORDON

ACTING DISTRICT ENGINEER

*See instructions on Reverse Side

Orig & 2cc USGS-hobbs, cc: Mrs M M Rhea-State Land Office, cc:RegionalOffice

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-HOEDS

FORM APPROVED
OMB NO. 1004-0135
Expires January 31, 2004111 1502008
NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

CIMAREX ENERGY CO. OF COLORADO

3a. Address

P.O. BOX 140907, IRVING, TEXAS 75014-0907

3b. Phone No. (include area code)

972.401.3111

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

UNIT LETTER H

1980' ENL & 860' FWL

SEC. 34, T-19-S, R-34-E

5. Lease Serial No.

NM-052

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MALLON 34 FEDERAL #007

9. API Well No.

30-025-32782

10. Field and Pool, or Exploratory Area

PEARL GRAYBURG

11. County or Parish, State

LEA COUNTY

NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent☒ Subsequent Report☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☒ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☐ Other

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

06/04/08: TAG EXISTING CIBP @ 4,545'; CIRC. WELL W/ PXA MUD; MIX & PUMP A 25 SX. CMT. PLUG ON TOP OF CIBP. MIX & PUMP A 25 SX. CMT. PLUG @ 3,426'; WOC & TAG TOP OF CMT. PLUG @ 3,203'.

06/05/08: MIX & PUMP A 25 SX. CMT. PLUG @ 1,950'; WOC & TAG TOP OF CMT. PLUG @ 1,697'.

06/06/08: MIX & PUMP A 25 SX. CMT. PLUG @ 1,565'; WOC & TAG TOP OF CMT. PLUG @ 1,104'; MIX & PUMP A 25 SX. CMT. PLUG @ 350-150' (CALC.); MIX & PUMP A 10 SX. CMT. PLUG @ 63'-3'; DIG OUT & CUT OFF WELLHEAD 3' B.G.L.; WELD STEEL PLATE ON CASINGS & INSTALL DRY HOLE MARKER.

WELL PLUGGED AND ABANDONED 06/06/08

Approved for plugging of well here only.
Liability under bond is retained pending receipt of C-103 (Subsequent Report of Well Plugging) which may be found at OCD Web Page under Forms. www.blm.state.nm.us/oed/

ACCEPTED FOR RECORD

JUN 27 2008

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

DAVID A. EYLER

Title

AGENT

Date 06/10/08

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Chris Williams

OC DISTRICT SUPERVISOR/GENERAL MANAGER

Title

Office

Date

Conditions of approval, if any, are attached. Approval of this notice 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.

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

N.M. OIL CONS. COMMISSION

P.O. BOX 1980

HOEBS, NEW MEXICO 88240

APPROVED

Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL:		OIL WELL ☒	GAS WELL ☐	DRY ☐	Other ☐			
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. REVER. ☐	GAL. ☐	Other ☐
2. NAME OF OPERATOR Mallon Oil Company								
3. ADDRESS AND TELEPHONE NO. P.O. Box 3256, Carlsbad, NM 88220 (505) 885-4596								
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FNL & 860' FEL (SE NE) Unit H At top prod. interval reported below 1980' FNL & 860' FEL (SE NE) Unit H At total depth 1980' FNL & 860' FEL (SE NE) Unit H								
14. PERMIT NO. N/A			DATE ISSUED N/A			5. LEASE DESIGNATION AND SERIAL NO. NM-052		
15. DATE SPUDDED 2/10/95						6. IF INDIAN, ALIOTTEE OR TRIBE NAME N/A		
16. DATE T.D. REACHED 3/3/95						7. UNIT AGREEMENT NAME N/A		
17. DATE COMPL. (Ready to prod.) 5/14/95						8. FARM OR LEASE NAME, WELL NO. Mallon 34 Federal No. 7		
18. ELEVATIONS (OF, RKB, RT, OR, ETC.)* 3704' GR						9. API WELL NO. 30-025-32782		
19. ELEV. CASINGHEAD 3705'						10. FIELD AND POOL, OR WILDCAT NE Lea Delaware		
20. TOTAL DEPTH, MD & TVD 6300'						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 34, T19S-R34E		
21. PLUG BACK T.D., MD & TVD 6300'						12. COUNTY OR PARISH Lea		
22. IF MULTIPLE COMPL., HOW MANY* N/A						13. STATE New Mexico		
23. INTERVALS DRILLED BY Rotary						24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Delaware 5926'-5936', 5966'-5994'		
25. WAS DIRECTIONAL SURVEY MADE Yes						26. TYPE ELECTRIC AND OTHER LOGS RUN DLM/SFL, LDS GR		
27. WAS WELL CORRED N/A						28. CASING RECORD (Report all strings set in well)		
CASING SIZE/GRADE		WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED	
9-5/8"		36#	1512'	14-3/4 & 13-1/2	815 sx cmt		N/A	
					Circ 42 sx cmt to surface			
5-1/2"		17# & 15.5#	6300'	8-3/4 & 7-7/8	1555 sx cmt		N/A	
					Circ 11 sx cmt to surface			
29. LINER RECORD					30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	
N/A					N/A			
31. PERFORATION RECORD (Interval, size and number)					32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
5926'-5936', 5966'-5994' (4 JSPF 152 holes)					DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
5846'-5880' (4 JSPF 136 holes)					5926-5994		1000 gls acid/151900 # 20/40 sand	
					5846-5880		frac 242500 # 20/40 sand	
33. PRODUCTION								
DATE FIRST PRODUCTION 5/14/95		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 2-1/2 x 2" x 28' insert pump				WELL STATUS (Producing or shut-in) Producing		
DATE OF TEST 5/14/95	HOURS TESTED 12	CHOKE SIZE N/A	PROD'N. FOR TEST PERIOD →	OIL—BSL. 22.5	GAS—MCF. 40	WATER—BSL. 179.5	GAS-OIL RATIO 1777	
FLOW. TUBING PRESS. N/A	CASING PRESSURE N/A	CALCULATED 24-HOUR RATE →	OIL—BSL. 45	GAS—MCF. 80	WATER—BSL. 359	OIL GRAVITY-API (CORR.) 37.0		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) used for fuel						TEST WITNESSED BY Jim Costalez		
35. LIST OF ATTACHMENTS N/A								
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records								
SIGNED <i>Jim Costalez</i>			TITLE Production Superintendent			DATE 5/23/95		

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

338. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Rustler	1734'	
				Salado	1928'	
				Tansil	3370'	
				7-Rivers	3882'	
				Queen	4552'	
				Penrose	4870'	
				Grayburg	5094'	
				Delaware	5738'	
				San Andres	6210'	

CONFIDENTIAL

Form 3160-4
(July 1992)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSUBMIT IN DUPLICATE
(See instructions on reverse side)

N.M. Cons. Division

P.O. Box 1980

Hobbs, NM 88241

FORM APPROVED

OMB NO. 1004-0137

Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

NM-052

1a. TYPE OF WELL OIL ☐ GAS ☐ WELL ☒ WELL ☐ DRY ☐ OTHER ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
b. TYPE OF COMPLETION NEW ☐ WORK ☐ DEEP- ☐ PLUG ☐ DIFF ☐ WELL ☒ OVER ☐ EN ☐ BACK ☐ RESVR ☐ OTHER ☐		7. UNIT AGREEMENT NAME N/A	
2. NAME OF OPERATOR Mallon Oil Company		8. FARM OR LEASE NAME, WELL NO. Mallon 35 Federal No. 3	
3. ADDRESS AND TELEPHONE NO P.O. Box 3256, Carlsbad, NM 88220 (505) 885-4596		9. API WELL NO. N/A 30-025-32985	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements *) At surface 2310' FSL and 660' FWL (NW SW) Unit L		10. FIELD AND POOL, OR WILDCAT NE Lea Delaware	
At top prod. interval reported below 2310' FSL and 660' FWL (NW SW) Unit L		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 35, T19S-R34E	
At total depth 2310' FSL and 660' FWL (NW SW) Unit L		14. PERMIT NO. N/A	12. COUNTY OR PARISH Lea County
		DATE ISSUED N/A	13. STATE New Mexico
15. DATE SPURRED 01/19/97	16. DATE TD REACHED 02/09/97	17. DATE COMP (Ready to Prod.) 03/17/97	18. ELEVATION (DF, RKB, RT, GR, ETC.) 3697' GR
19. ELEV. CASINGHEAD 3698'			
20. TOTAL DEPTH, MD & TVD 8330'	21. PLUGBACK TD, MD & TVD NA	22. IF MULTIPLE COMP., HOW MANY* N/A	23. INTERVALS DRILLED BY Rotary
24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) 5719'-5723', 5766'-5772', 5792'-5810'			25. WAS DIRECTIONAL SURVEY MADE Yes
26. TYPE ELECTRIC AND OTHER LOGS RUN CNLD/GR, ALM-CFL/GR			27. WAS WELL CORED N/A

CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT LB/FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	1502'	14-3/4"	1050 sks cement	N/A
				Circ 125 sks to surface	N/A
5-1/2"	15.5#/17#	8330'	8-3/4"	2755 sks cement	N/A

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT *	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (M)
N/A	N/A	N/A	N/A	N/A	2-7/8"	5604'	N/A

31. PERFORATION RECORD (Interval, size, and number)	32. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
5719'-5723', 5766'-5772', 5792'-5810'	DEPTH INTERVAL (MD) 5719'-5810'
	AMOUNT AND KIND OF MATERIAL USED 1000 gls 7-1/2% HCL acid 180,000 lbs 20/40 Ottawa Sand 20,000 lbs 20/40 RC Sand

33. PRODUCTION							
DATE FIRST PRODUCTION 03/17/97		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Pumping 2-1/2" x 1-3/4" x 30' pump			WELL STATUS (Producing or Shut In) Producing		
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
03/10/97	24	N/A		163	59	4	.3619
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY - API (CORR.)	
N/A	N/A		163	59		36.3	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold to Warren Petroleum		ACCEPTED FOR TEST WITNESSED BY (RTO, SCD) DAVID M. Costalez APR 01 1997
35. LIST OF ATTACHMENTS N/A		
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		
SIGNED	DATE 03/27/97	

* (See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

CONFIDENTIAL

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT DEPTH
				Rustler	1743'	
				Salado	1934'	
				Tansil	3384'	
				Yates	3575'	
				7 Rivers	3882'	
				Queen	4560'	
				Penrose	4887'	
				Grayburg	5055'	
				Delaware	5706'	
				San Andres	5966'	
				Base San Andres	6406'	
				Bone Spring	8257'	

Analytical Laboratory Report for:
Cimarex



BJ Chemical Services
Account Representative:
Lavell Hanson

Production Water Analysis

Listed below please find water analysis report from: Mallon 34, #9 (BONE SPRING)

Lab Test No: 2008115458

Sample Date:

04/14/2008

Specific Gravity: 1.159

TDS: 243395

pH: 5.10

Resistivity: .10 @ 70F

ohms/M

Cations:	mg/L	as:
Calcium	25380	(Ca ⁺⁺)
Magnesium	4708	(Mg ⁺⁺)
Sodium	45494	(Na ⁺)
Iron	27.33	(Fe ⁺⁺)
Potassium	1406.2	(K ⁺)
Barium	1.03	(Ba ⁺⁺)
Strontium	665.65	(Sr ⁺⁺)
Manganese	2.53	(Mn ⁺⁺)
Anions:	mg/L	as:
Bicarbonate	61	(HCO ₃ ⁻)
Sulfate	550	(SO ₄ ⁼)
Chloride	165100	(Cl ⁻)
Gases:		
Carbon Dioxide	510	(CO ₂)
Hydrogen Sulfide	2	(H ₂ S)

Lab Comments:

FORMATION BONE SPRINGS

Cimarex

Lab Test No: 2008115458

DownHole SAT™ Scale Prediction
@ 170 deg. F

**Chemical Services**

Mineral Scale	Saturation Index	Momentary Excess (lbs/1000 bbls)
Calcite (CaCO ₃)	.0198	-.00117
Aragonite (CaCO ₃)	.0161	-.00144
Witherite (BaCO ₃)	< 0.001	-31.94
Strontianite (SrCO ₃)	< 0.001	-.684
Magnesite (MgCO ₃)	.0111	-.00176
Anhydrite (CaSO ₄)	.697	-6.14
Gypsum (CaSO ₄ *2H ₂ O)	.478	-17.47
Barite (BaSO ₄)	.0144	-21.68
Celestite (SrSO ₄)	.0331	-.326
Silica (SiO ₂)	0	-81.58
Brucite (Mg(OH) ₂)	< 0.001	-.102
Magnesium silicate	0	-125.21
Siderite (FeCO ₃)	.00966	-.00279
Halite (NaCl)	.207	-81525
Thenardite (Na ₂ SO ₄)	< 0.001	-95756
Iron sulfide (FeS)	.0078	-2.91

Interpretation of DHSat Results:

The Saturation Index is calculated for each mineral species independently and is a measure of the degree of supersaturation (driving force for precipitation) under the conditions modeled. This value ranges from 0 to infinity with 1.0 representing a condition of equilibrium where scale will neither dissolve nor precipitate. Values less than 1.0 are undersaturated and values greater than 1.0 are supersaturated. The scale is logarithmic, i.e. a Saturation Index of 3 is 10 times more saturated than a value of 2.

The Momentary excess is a measure of how much scale would have to precipitate to bring the system back to a non-scaling condition. This value ranges from negative (dissolving) to positive (precipitating) values. The Momentary Excess represents the amount of scale possible while the Saturation Level represents the probability that scale will form.

Analytical Laboratory Report for:
Cimarex



BJ Chemical Services
Account Representative:
Lavell Hanson

Production Water Analysis

Listed below please find water analysis report from: Mallon 34, #12 (DELAWARE)

Lab Test No: 2008115459

Sample Date:

04/14/2008

Specific Gravity: 1.132

TDS: 201754

pH: 5.50

Cations:	mg/L	as:
Calcium	24763	(Ca ⁺⁺)
Magnesium	5150	(Mg ⁺⁺)
Sodium	45325	(Na ⁺)
Iron	43.09	(Fe ⁺⁺)
Potassium	1391.0	(K ⁺)
Barium	0.81	(Ba ⁺⁺)
Strontium	620.59	(Sr ⁺⁺)
Manganese	2.12	(Mn ⁺⁺)
Anions:	mg/L	as:
Bicarbonate	183	(HCO ₃ ⁻)
Sulfate	975	(SO ₄ ⁼)
Chloride	123300	(Cl ⁻)
Gases:		
Carbon Dioxide	300	(CO ₂)
Hydrogen Sulfide	2	(H ₂ S)

Lab Comments:
FORMATION DELAWARE

Cimarex

Lab Test No: 2008115459

DownHole SAT™ Scale Prediction
@ 170 deg. F

**Chemical Services**

Mineral Scale	Saturation Index	Momentary Excess (lbs/1000 bbls)
Calcite (CaCO ₃)	.149	-.0015
Aragonite (CaCO ₃)	.121	-.0019
Witherite (BaCO ₃)	< 0.001	-31.37
Strontianite (SrCO ₃)	< 0.001	-.705
Magnesite (MgCO ₃)	.0852	-.00237
Anhydrite (CaSO ₄)	1.18	4.91
Gypsum (CaSO ₄ *2H ₂ O)	.882	-4.85
Barite (BaSO ₄)	.0295	-12.7
Celestite (SrSO ₄)	.0803	-285.98
Silica (SiO ₂)	0	-91.3
Bruceite (Mg(OH) ₂)	< 0.001	-.125
Magnesium silicate	0	-137.75
Siderite (FeCO ₃)	.174	-.00144
Halite (NaCl)	.0936	-116730
Thenardite (Na ₂ SO ₄)	< 0.001	-94673
Iron sulfide (FeS)	.0713	-1.21

Interpretation of DHSat Results:

The Saturation Index is calculated for each mineral species independently and is a measure of the degree of supersaturation (driving force for precipitation) under the conditions modeled. This value ranges from 0 to Infinity with 1.0 representing a condition of equilibrium where scale will neither dissolve nor precipitate. Values less than 1.0 are undersaturated and values greater than 1.0 are supersaturated. The scale is logarithmic, i.e. a Saturation Index of 3 is 10 times more saturated than a value of 2.

The Momentary excess is a measure of how much scale would have to precipitate to bring the system back to a non-scaling condition. This value ranges from negative (dissolving) to positive (precipitating) values. The Momentary Excess represents the amount of scale possible while the Saturation Level represents the probability that scale will form.

Analytical Laboratory Report for:
CIMAREX ENERGY COMPANY



BJ Chemical Services
Account Representative:
Lavell Hanson

Production Water Analysis

Listed below please find water analysis report from: SCOUT 18 FEDERAL, #13

(7 - RIVERS)

Lab Test No: 2008126369

Sample Date:

07/09/2008

Specific Gravity: 1.166

TDS: 254756

pH: 6.70

Cations:	mg/L	as:
Calcium	10700	(Ca ⁺⁺)
Magnesium	6100	(Mg ⁺⁺)
Sodium	73900	(Na ⁺)
Iron	54.60	(Fe ⁺⁺)
Potassium	2860.0	(K ⁺)
Barium	0.34	(Ba ⁺⁺)
Strontium	193.00	(Sr ⁺⁺)
Manganese	3.09	(Mn ⁺⁺)
Anions:	mg/L	as:
Bicarbonate	85	(HCO ₃ ⁻)
Sulfate	860	(SO ₄ ⁼)
Chloride	160000	(Cl ⁻)
Gases:		
Carbon Dioxide	360	(CO ₂)
Hydrogen Sulfide	0	(H ₂ S)

DownHole SAT™ Scale Prediction
@ 100 deg. F



Chemical Services

Mineral Scale	Saturation Index	Momentary Excess (lbs/1000 bbls)
Calcite (CaCO ₃)	.856	-.00199
Aragonite (CaCO ₃)	.725	-.00447
Witherite (BaCO ₃)	< 0.001	-88.16
Strontianite (SrCO ₃)	.00532	-3.22
Magnesite (MgCO ₃)	.811	-.00231
Anhydrite (CaSO ₄)	.332	-241.59
Gypsum (CaSO ₄ *2H ₂ O)	.345	-259.25
Barite (BaSO ₄)	.0629	-8.26
Celestite (SrSO ₄)	.0347	-1103
Fluorite (CaF ₂)	0	-5.32
Calcium phosphate	0	>-0.001
Hydroxyapatite	0	-789.86
Silica (SiO ₂)	0	-108.45
Brucite (Mg(OH) ₂)	< 0.001	-.245
Magnesium silicate	0	-271.75
Iron hydroxide (Fe(OH) ₃)	37.75	< 0.001
Sirengite (FePO ₄ *2H ₂ O)	0	>-0.001
Siderite (FeCO ₃)	1.7	.00562
Halite (NaCl)	.253	-204079
Thenardite (Na ₂ SO ₄)	< 0.001	-259166

Interpretation of DHSat Results:

The Saturation Index is calculated for each mineral species independently and is a measure of the degree of supersaturation (driving force for precipitation) under the conditions modeled. This value ranges from 0 to Infinity with 1.0 representing a condition of equilibrium where scale will neither dissolve nor precipitate. Values less than 1.0 are undersaturated and values greater than 1.0 are supersaturated. The scale is logarithmic, i.e. a Saturation Index of 3 is 10 times more saturated than a value of 2.

The Momentary excess is a measure of how much scale would have to precipitate to bring the system back to a non-scaling condition. This value ranges from negative (dissolving) to positive (precipitating) values. The Momentary Excess represents the amount of scale possible while the Saturation Level represents the probability that scale will form.

HOBBS DAILY NEWS-SUN
LEGAL NOTICE

Cimarex Energy Co. of Colorado, 600 N Marienfeld St. Ste. 600, Midland, Texas 79701 is filing an Application for Authorization to Inject (Oil Conservation Division Form C-108) with the New Mexico Oil Conservation Division seeking administrative approval for a salt water disposal well. The proposed well, the Mallon 35 Federal No. 1 is located 660 feet FNL and 660 feet FWL of Section 35, Township 19 South, Range 34 East, NMPM Lea County, New Mexico. The source of the disposal water will be Cimarex operated wells in the area that produce from the Bone Spring, and Delaware formations. The disposal water will be injected into the Seven Rivers formation of the Permian system at a depth interval of 3932 feet to 4404 feet. A maximum injection pressure of 786 PSI (Subject to increase after Division approved testing) and a maximum rate of 1500 BWPD. Any interested party with questions or comments may contact Zeno Farris at Cimarex Energy Co. of Colorado, 600 N Marienfeld St, Ste. 600, Midland TX 79701 or call (432) 620-1938. Objections to this application or requests for hearing must be filed with the Oil Conservation Division, 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505, within fifteen days of the date of the publication of this notice.

Jones, William V., EMNRD

From: Zeno Farris [zfarris@cimarex.com]
Sent: Friday, March 05, 2010 2:54 PM
To: Jones, William V., EMNRD
Cc: Natalie Krueger
Subject: FW: SWD publication
Attachments: AFFIDA.pdf; ATT34445.htm

Will attached is the affidavit of publication for our Mallon 35 # 1 SWD application. Thanks

From: classifieds [mailto:classifieds@hobbsnews.com]
Sent: Friday, March 05, 2010 3:28 PM
To: Zeno Farris
Subject: Re: SWD publication

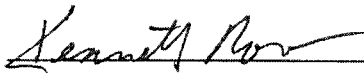
This inbound email has been scanned for malicious software and transmitted safely to you using Webroot Email Security.

Affidavit of Publication

State of New Mexico,
County of Lea.

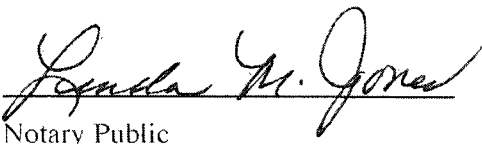
I, KENNETH NORRIS
GENERAL MANAGER
of the Hobbs News-Sun, a
newspaper published at Hobbs, New
Mexico, do solemnly swear that the
clipping attached hereto was
published in the regular and entire
issue of said newspaper, and not a
supplement thereof for a period

of 1 issue(s).
Beginning with the issue dated
February 23, 2010
and ending with the issue dated
February 23, 2010



GENERAL MANAGER

Sworn and subscribed to before me
this 3rd day of
March, 2010


Notary Public

My commission expires
June 16, 2013
(Seal)

This newspaper is duly qualified to
publish legal notices or
advertisements within the meaning of
Section 3, Chapter 167, Laws of
1937 and payment of fees for said
publication has been made.

LEGAL NOTICE
FEBRUARY 23, 2010

Cimarex Energy Co. of Colorado, 600 N. Marienfeld St. Ste. 600, Midland, Texas 79701 is filing an Application for Authorization to Inject (Oil Conservation Division Form C-108) with the New Mexico Oil Conservation Division seeking administrative approval for a salt water disposal well. The proposed well, the Mallon 35 Federal No. 1 is located 660 feet FNL and 660 feet FWL of Section 35, Township 19 South, Range 34 East, NMPM, Lea County, New Mexico. The source of the disposal water will be Cimarex operated wells in the area that produce from the Bone Spring, and Delaware formations. The disposal water will be injected into the Seven Rivers formation of the Permian system at a depth interval of 3932 feet to 4404 feet. A maximum injection pressure of 786 PSI (Subject to increase after Division approved testing) and a maximum rate of 1500 BWPD. Any interested party with questions or comments may contact Zeno Farris at Cimarex Energy Co. of Colorado, 600 N. Marienfeld St. Ste. 600, Midland TX 79701 or call (432) 620-1938. Objections to this application or requests for hearing must be filed with the Oil Conservation Division, 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505, within fifteen days of the date of the publication of this notice.

#25683

02108629 00047288
LACI LUIG
CIMAREX ENERGY CO.
600 N. MARIENFELD STREET SUITE 600
MIDLAND, TX 79701

Section XIII and XIV – Proof of Notice

1. Surface owners – Application mailed by Certified Mail to the following:

Bureau of Land Management
600 E Greene St.
Carlsbad, NM 88220

2. Leasehold Operators within ½ mile of proposed injection well – application mailed by Certified Mail to the following:

Cimarex Energy Co. of Colorado
600 N Marienfeld St Suite 600
Midland TX 79701

Merit Energy Company, LLC
13727 Noel Rd Ste 500 Tower 2
Dallas, TX 75240

3. Publication - Attached

7006 1830 0004 2586 2376

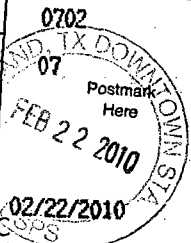
U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

DALLAS TX 75240

OFFICIAL USE

Postage	\$	\$2.92
Certified Fee		\$2.80
Return Receipt Fee (Endorsement Required)		\$2.30
Restricted Delivery Fee (Endorsement Required)		\$0.00
Total Postage & Fees	\$	\$8.02



Sent To: Merit Energy Co., LLC
 13727 Noel Rd., Ste. 500, Tower 2
 Dallas, TX 75240

PS Form 3800, Aug.

For delivery information visit our website at www.usps.com

7006 1830 0004 2586 2376

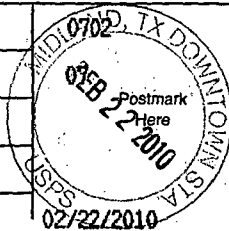
U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

CARLSBAD NM 88220

OFFICIAL USE

Postage	\$	\$2.92
Certified Fee		\$2.80
Return Receipt Fee (Endorsement Required)		\$2.30
Restricted Delivery Fee (Endorsement Required)		\$0.00
Total Postage & Fees	\$	\$8.02



Sent To: Bureau of Land Management
 620 E. Greene St.
 Carlsbad, NM 88220

PS Form 3800, Aug.

For delivery information visit our website at www.usps.com

Jones, William V., EMNRD

From: Zeno Farris [zfarris@cimarex.com]
Sent: Friday, April 23, 2010 2:20 PM
To: Jones, William V., EMNRD
Cc: Ezeanyim, Richard, EMNRD; Hill, Larry, EMNRD; Kautz, Paul, EMNRD; Wesley_Ingram@blm.gov
Subject: RE: Disposal Application from Cimarex Energy Co of Colorado: Mallon 35 Federal #1 30-025-32983 7rvrs Sands/Shales
Attachments: Mallon 35 Fed #1 WBD.XLSX; Microsoft PowerPoint - C-108 Mallon 35 Fed 1 Half Mile Radius Map..pdf

Will per your request, attached is a revised well bore diagram indicating a CIBP at 4600' with 35' of cement and within 200' of the injection interval as requested. Also attached on the AOR I've indicated where Cimarex owns Yates rights and where Merit owns Yates rights. If you need additional information let me know. Thanks

From: Jones, William V., EMNRD [mailto:William.V.Jones@state.nm.us]
Sent: Thursday, March 11, 2010 4:59 PM
To: Zeno Farris
Cc: Ezeanyim, Richard, EMNRD; Hill, Larry, EMNRD; Kautz, Paul, EMNRD; Wesley_Ingram@blm.gov
Subject: Disposal Application from Cimarex Energy Co of Colorado: Mallon 35 Federal #1 30-025-32983 7rvrs Sands/Shales

Hello again Zeno:

Reviewed your application, looks good, but have a few comments:

1. We ask that the well be plugged back with CIBP/cement to within 200 feet of the disposal interval – so in this well, you would need to put a plug around 4600 feet.
2. The C-108 asks that all Plugged wells in the AOR be shown with wellbore diagrams – but you included the raw data and that worked out fine, thank you.
3. Would you please point out where Merit owns 7 Rivers interests and where Cimarex does (in the AOR)? I probably missed this.

Everything else looks fine to me.

Let me know when you expect Cimarex Energy Co of Colorado to be in compliance with Rule 5.9 concerning numbers of inactive wells? Have you tried getting an Agreed Compliance Order from Daniel/Gail?

Regards,

William V. Jones PE
New Mexico Oil Conservation Division
1220 South St. Francis
Santa Fe, NM 87505
505-476-3448

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.

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 using Webroot Email Security.

5/15/08 → C. Moxey

Injection Permit Checklist (11/30/09)

Case _____ R- SWD 1218 WFX _____ PMX _____ IPI _____ Permit Date 4/26/10 UIC Qtr (A/M/J)
Wells 1 Well Name: Mallon 35 Federal #1
API Num: (30-) 025-32983 Spud Date: _____ New/Old: IV (UIC primacy March 7, 1982)
Footages 660FNL/660FWL Unit D Sec 35 Tsp 19S Rge 34E County Lea
Operator: Cirney Energy Co. of Colorado Contact Zane Farris
OGRID: 162683 RULE 5.9 Compliance (Wells) 14/1006 (Finan Assur) OK
Operator Address: 600 N. Marionfeld Street, Suite 600, Midland TX 79701
Location and Current Status: TA Delaware

4/23/10
now
OK

Planned Work to Well:

Planned Tubing Size/Depth: 2 3/8 @ 3880

	Sizes Hole.....Pipe	Setting Depths	Cement Sx or Cf	Cement Top and Determination Method
Existing ☒ Surface	<u>14 3/4 9 5/8</u>	<u>1486</u>	<u>1100</u>	<u>CIRC</u>
Existing ☐ Intermediate				
Existing ☐ Long String	<u>7 7/8 5 1/2</u>	<u>6596</u>	<u>1700</u>	<u>260 CBL</u>

DV Tool _____ Casing _____ Open Hole 6596 Total Depth 8330 (6613 PB)

Well File Reviewed ☒

Diagrams: Before Conversion ☒ After Conversion ☒ Elogs in Imaging File: ☒

Intervals:	Depths	Formation	Producing (Yes/No)
Above (Name and Top)	<u>3553</u>	<u>Yale</u>	
Above (Name and Top)	<u>3876</u>	<u>TOP 7RVS</u>	
Injection..... Interval TOP:	<u>3932</u>	<u>7RVS</u>	<u>NO</u>
Injection..... Interval BOTTOM:	<u>4404</u>	<u>7RVS</u>	<u>NO</u>
Below (Name and Top)	<u>4546</u>	<u>Queen</u>	

(Pearl Queen Area)
Just North of Reef

786 PSI Max. WHIP

Open Hole (Y/N) _____

Deviated Hole? _____

Sensitive Areas: Capitan Reef _____ Cliff House _____ Salt Depths 1929-3345

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

Fresh Water: Depths: 1030-1670 Wells: NONE Analysis? _____ Affirmative Statement ☒

Disposal Fluid Sources: BS/DEL Analysis? _____

Disposal Interval Production Potential/Testing/Analysis Analysis: 7-RVS (This not 7RVS Carbonate)

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

RULE 26.7(A) Affected Parties: Marathon Energy

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

Active Wells 8 Num Repairs 0 Producing in Injection Interval in AOR NO

P&A Wells 8 Num Repairs 0 All Wellbore Diagrams Included? NO

Questions to be Answered:

Set plug within 200' at 4600'
NICE X-SECT.

Required Work on This Well: _____ Request Sent _____ Reply: _____

AOR Repairs Needed: _____ Request Sent _____ Reply: _____

Request Sent _____ Reply: _____