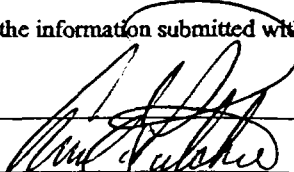


APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: X Secondary Recovery Pressure Maintenance Disposal Storage
Application qualifies for administrative approval? X Yes No
- II. OPERATOR: Melrose Operating Company
ADDRESS: c/o P.O. Box 953, Midland, TX 79702
CONTACT PARTY: Ann E. Ritchie PHONE: 915 684-6381
- 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? X Yes No
If yes, give the Division order number authorizing the project: all prior orders/hearings attached
- 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: Ann E. Ritchie TITLE: Regulatory Agent
SIGNATURE:  DATE: 8-29-01 (amended)
- * 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: 8-25-00

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, 2040 South Pacheco, 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.

Melrose Operating Company

Artesia Unit, Well Numbers 2, 3, 10, 11, 12, 13, 16, 17, 18, 19, 44, 46, 54 & 57

Section 26, 35, 36, T17S, R28E & Section 3, T18S, R28E

Eddy County, New Mexico

ATTACHMENT A

III. WELL DATA

Section A:

1. Lease Name: Artesia Unit
Locations: See table attached
2. Casing & Cement: Wellbore Diagrams & Spreadsheet attached
3. Tubing: 2 3/8" plastic coated tubing w/Baker Model R packer, set
Approximately 70-80' above perforations.

Section B:

1. Injection Formations: Penrose-Queen-Grayburg-San Andres
Field Name: Artesia, Queen-Grayburg-San Andres
 2. Injection Interval: Approximate depth among 14 applied for wells: 1800-2750'.
 3. Original purpose of wells: Drilled for production of oil/gas
 4. No other perforated intervals.
 5. Next High gas/oil zone: Penrose @ approximately 1650'
Next Lower gas/oil zone: Abo @ approximately 6200'
- IV. This is an expansion of an existing project (copies of prior order submitted).
- V. Map attached – all wells within 1/2 mile radius are of review

VI. AREA OF REVIEW

There are extensive wells within the 1/2 mile area of review for each of the 14 wells that are included in this application as designated in the wellbore spreadsheet attached.

Melrose Operating Company

Artesia Unit

Page 2

VII. Operation Data:

1. Proposed average daily injection volume: 150 bbls per day
Proposed maximum daily injection volume: 400 bbls/day
2. These wells will operate within a closed system.
3. Proposed average daily injection pressure: 400 psi
Proposed maximum daily injection pressure: .2 psi to top perforation.
Step rate tests will be performed and provided to the Oil Conservation Division for review in order to operate at increased injection pressures, if necessary.
4. Sources of injection water will be from the Penrose/Queen/Grayburg/San Andres.
4. Chlorides are as listed in the attached Water Analysis.

VIII. Geological Data:

Information pertaining to the lithological details and thickness are as stated in the attached "Geological Statement".

IX: Stimulation Program: At this time no stimulation program is proposed for the injection interval.

X. Logs have been previously submitted for the Artesia Unit, recent logs from wells drilled within the last year will also be submitted.

XI. Fresh Water:

The fresh water is estimated to be @ 350-400' according to New Mexico Oil Conservation Division recommendations for this area & by landowner.
(Fresh water analysis attached)

XII. Statement:

To the best of current knowledge of the area there is no evidence of open faults or other hydrologic connection between the injection zone and any underground sources of drinking water.

XIII. Proof of notice attached/newspaper certification.

XIV. Certification: OCD, Form C-108 "Application for Authorization to Inject"

Offset Operators: (Melrose Operating Company – Artesia Unit, waterflood expansion)

A copy and/or notification of the C-108 authorization to Inject application has been sent to the following operators:

Vastar Resources
15375 Memorial Dr.
Houston, TX 77079-4101

Yates Drilling Co.
110 S. 4th St., Yates Bldg.
Artesia, NM 88210

Marbob Energy
P.O. Box 227
Artesia, NM 88211-0227

Fulton Co.
P.O. Box 1121
Artesia, NM 88211-1121

Mewbourne Oil
P.O. Box 7698
Tyler, TX 75711-7698

Mack Energy
P.O. Box 960
Artesia, NM 88211-0960

Laure, C.E. Muncy
P.O. Box 1370
Artesia, NM 88211-1370

Yates Energy
P.O. Box 2323
Roswell, NM 88202

R.B. Operating
5100 E. Skelly, Suite 650
Meridian Tower
Tulsa, OK 74135-6549

Brothers Production Co.
P.O. Box 7515
Midland, TX 79708

W.E. Jeffers
P.O. Box 65
Artesia, NM 88210

Sandlot Energy
P.O. Box 711
Lovington, NM 88260

B & W Oil Co.
R-252 N. Haldeman RD
Artesia, NM 88210

Vintage Drilling
P.O. Box 158
Loco Hills, NM 88255

BP Permian Business Unit (Arco)
501 Westlake Park Blvd., WL Suite 200
Houston, TX 77070

Louis Dreyfus Natural Gas Corp.
14000 Quail Springs, Pky, Ste 600
Oklahoma City, OK 73134

Devon Energy Corporation
20 North Broadway, Suite 1500
Oklahoma City, OK 73102

Surface Owners:

Bogle LTD, P.O. Box 441, Artesia, NM 88210
State of New Mexico, Commissioner of Public Lands, P.O. Box 1148, Santa Fe, NM 87504-1148

Melrose Operating Company

Artesia Unit

Injection Application for Waterflood Expansion

Hearing Date: September 6, 2001

Well Numbers and Locations:

Well #2	330' FSL & 330' FWL	Section 26	T17S R28E
Well #3	330' FSL & 1750' FWL	Section 26	T17S R28E
Well #10	330' FNL & 1950' FWL	Section 35	T17S R28E
Well #11	360' FNL & 360' FWL	Section 35	T17S R28E
Well #12	1980' FNL & 660' FWL	Section 35	T17S R28E
Well #13	1980' FNL & 1980' FWL	Section 35	T17S R28E
Well #16	1980' FNL & 660' FWL	Section 36	T17S R28E
Well #18	1980' FSL & 1980' FWL	Section 36	T17S R28E
Well #19	1980' FSL & 660' FWL	Section 36	T17S R28E
Well #44	1980' FNL & 1070' FWL	Section 3	T18S R28E
Well #46	2310' FNL & 2267' FWL	Section 3	T18S R28E
Well #54	1654' FSL & 2272' FWL	Section 3	T18S R28E
Well #57	1570' FSL & 1070' FWL	Section 3	T18S R28E

Eddy County, New Mexico

Artesia; Queen-Grayburg-San Andres Pool

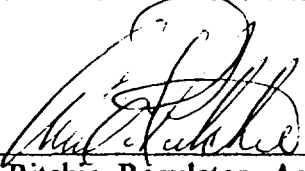
Melrose Operating Company
Artesia Unit
Sections 26, 35, 36 in T17S, R28E &
Section 3, T18S, R28E
Eddy County, New Mexico

Concerning the injection/waterflood application for Wells #2, 3, 10, 11, 12, 13, 16, 17, 18, 19, 44, 46, 54, and 57, all of the wells were initially drilled and completed for oil/gas production to the best of my knowledge.

The perforations designated on the wellbore diagrams included in this application are the existing perforations, excluding Wells # 16 & 57 which are P & A and will be drilled out to open the existing perms/open hole interval as designated on the wellbore diagram.

The Abo formation underlies the Grayburg/San Andres/Penrose in this area at an approximate depth of 6200'.

Upon approval of the Artesia Unit injection well(s) application, Melrose intends to pull out all existing tubing in the wells and run 2 3/8" plastic coated tubing with Baker Model R packers within 100' of the top perforation or open hole interval.



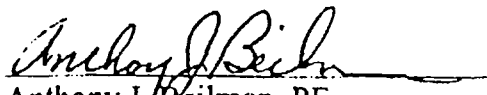
Ann E. Ritchie, Regulatory Agent
Melrose Operating Company
C/o P.O. Box 953
Midland, TX 79702
(915) 684-6381

Attachment to Oil Conservation Division Form C-108 "Application for Authorization to Inject"

Geological Statement

C-108
APPLICATION FOR AUTHORIZATION TO INJECT
ARTESIA UNIT

The proposed injection zones are Grayburg-Upper San Andres formations approximately 1800 to 2700 feet. The formations consist of dolomite and sandstones with alternating beds of silty to sandy dolomite and gray arkosic sandstones. Generally, the gross thickness of the Grayburg ranges from 300 to 400 feet thick and the Upper San Andres ranges from 350 to 400 thick. Both of these zones have historically flooded very well and are still actively being flooded in other leases in the area. There is no known sources of drinking water underlying the injection interval.


Anthony J. Beilman, PE

C-108

FROM : WTOR

PHONE NO. : 915 682 1458

AUG. 18 2000 02:22PM P3

AFFIDAVIT OF PUBLICATION

STATE OF New Mexico

COUNTY OF Eddy

Before me, the undersigned authority, on this day personally appeared

Gary D. Scott, the Publisher of the

Artesia Daily Press, a newspaper having

general circulation in Eddy County, N M , who being by me

duly sworn, deposes and says that the foregoing attached notice was published in

said newspaper on the following date(s), to wit: August 22, 2000

[Signature]

Subscribed and sworn to before me this the 24th day of August, 2000

to certify which witness my hand and seal of office.

[Signature]
Notary Public in and for

Eddy County, New Mexico

Meiose Operating Company, c/o P.O. Box 953, M. TX 79702 will file for (Application for Authorization to Inject) with the New Mexico Oil Conservation Division seeking administrative approval for water injection into the Artesia Unit. Well numbers 2, 3, 10, 11, 12, 13, 16, 17, 18, 19, 22, 23, 28, 29, 44, 46, 54 and 57. The locations are as follows: Well #2: 330 FSL & 330FWL, Section 26, T17S, R28E; Well #3: 330 FSL & 1750' FWL, Section 26, T17S, R28E; Well #10: 330 FNL & 1950' FWL, Sec. 35, T17S, R28E; Well #11: 380 FNL & 360' FWL, Section 35, T17S, R28E; Well #12: 1980 FNL & 660' FWL, Section 35, T17S, R28E; Well #13: 1980 FNL & 1980' FWL, Section 35, T17S, R 28E; Well #16: 1980 FNL & 680' FWL, Section 36, T17S, R28E; Well #17: 1980 FNL & 1980' FWL, Section 36, T17S, R28E; Well #18: 1980 FSL & 1980' FWL, Section 36, T17S, R28E; Well #19: 1980 FSL & 680' FWL, Section 36, T17S, R28E; Well #22: 1980 FSL & 1980' FWL, Section 35, T17S, R28E; Well #23: 1980 FSL & 660' FWL, Section 35, T17S, R28E; Well #28: 990 FEL & 330 FSL, Section 35, T17S, R28E; Well #28: 990 FSL & 1650' FWL, Section 35, T17S, R28E; Well #44: 1980 FNL & 1070' FWL, Section 3, T17S, R28E; Well #46: 2310 FNL & 2267' FWL, Section 3, T18S, R28E; Well #54: 1654 FSL & 2272' FWL, Section 3, T18S, R28E; Well #57: 1570 FSL & 1070' FWL, Section 3, T18S, R28E; Eddy County, New Mexico. The injection water will be sourced from area Artesia Unit wells producing from the Grayburg/San Andres/Pennose formations. The injection water will be injected into the Grayburg/San Andres/Pennose formation at a depth of 1800' to 2715', a maximum surface pressure of 1170 psi and a maximum rate of 400 BWPD. All interested parties opposing the application must file objections or requests for hearing with the Oil Conservation Division, 2040 S. Pacheco St., Santa Fe, NM 87505 within 15 days of this notice. Additional information can be obtained by contacting Ann E. Ritchie, Regulatory Agent, P.O. Box 953, Midland, TX 79702, or (915)684-6381. Published in the Artesia Daily Press, Artesia, N.M. August 22, 2000.

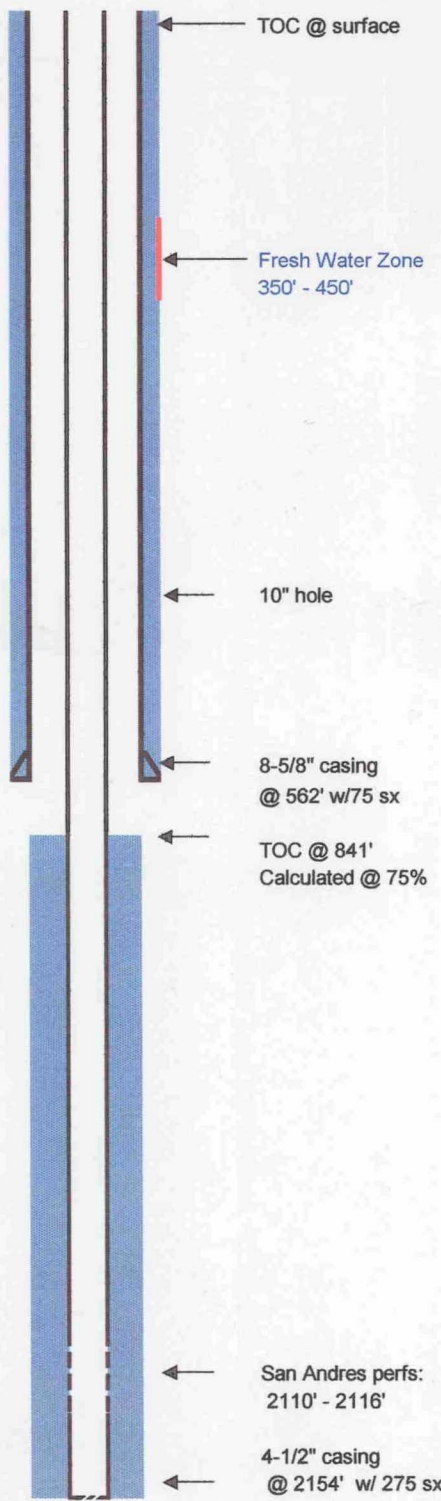
Legal 17088

[illegible]

Melrose Operating Company

Current Wellbore

Artesia Unit # 2



Field Name:	Artesia;Queen-Grayburg-S/A	Well Type:	Oil
County:	Eddy	Depth:	2154'
State:	N.M.	Drilling Commenced:	11/13/60
Twp/Rnge	T-17S, R-28E	Drilling Completed:	12/16/50
Section:	26	Date Well Plugged:	
Unit Letter:	M	Longitude:	
Footages:	330'FSL & 330' FWL	Latitude:	
25 miles SE of Big Spring		Freshwater Depth:	
API #:	30-015-01563		
Lease or ID #:			

Casing				
Size	Hole Size	Depth:	Cement	TOC:
8-5/8"	10"	562'	75 sx	surface
4-1/2"	8"	2154'	275 sx	841'

Perforations			
Formations		Top	Bottom
San Andres		2110	2116

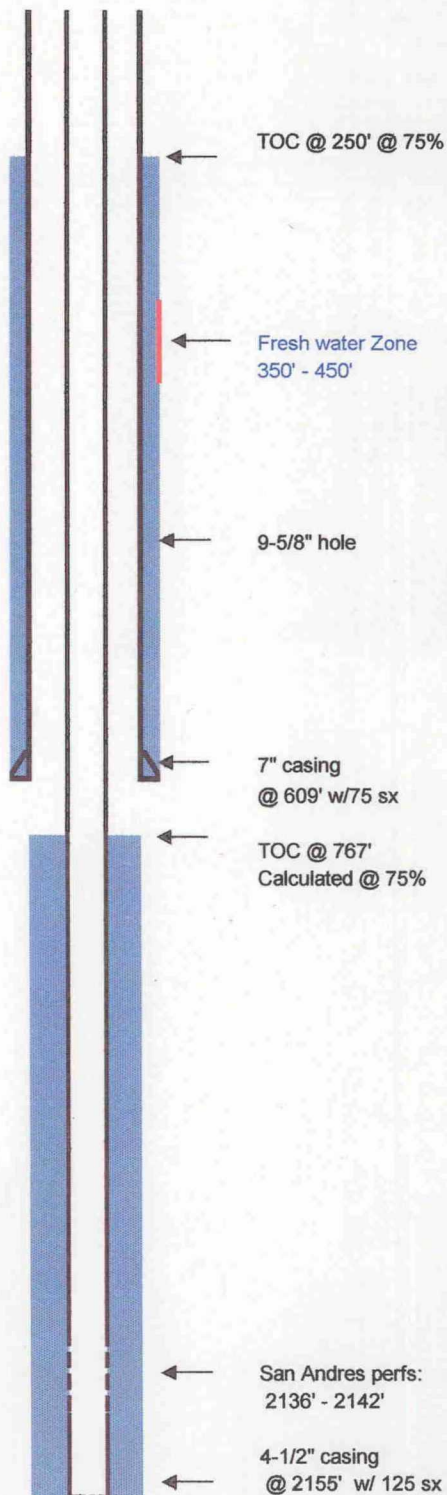
Comments

Prepared By: Bucky Ritchie
Date: 8/28/01

Melrose Operating Company

Current Wellbore

Artesia Unit # 3



Field Name:	Artesia;Queen-Grayburg-S/A	Well Type:	Oil
County:	Eddy	Depth:	2156'
State:	N.M.	Drilling Commenced:	12/19/60
Twp/Rnge	T-17S, R-28E	Drilling Completed:	01/05/61
Section:	26	Date Well Plugged:	
Unit Letter:	N.	Longitude:	
Footages:	330'FSL & 1750' FEL	Latitude:	
25 miles SE of Big Spring			
API #:	30-015-01565	Freshwater Depth:	
Lease or ID #:			

Casing

Size	Hole Size	Depth:	Cement	TOC:
7"	9-5/8"	609'	75 sx	250'
4-1/2"	6-1/4"	2155'	125 sx	767'

Perforations

Formations	Top	Bottom
San Andres	2136	2142

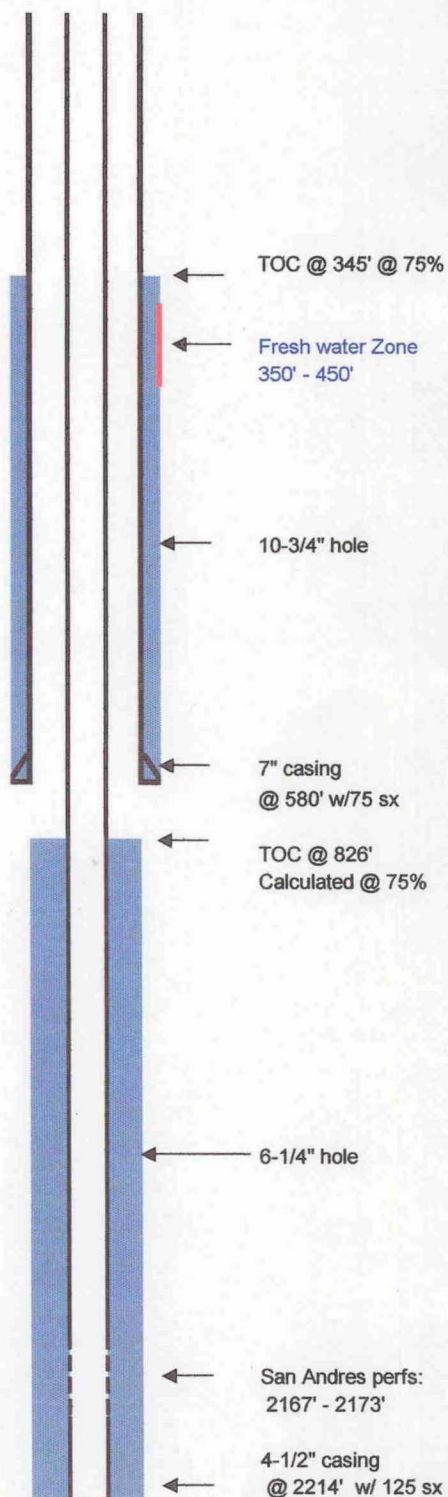
Comments

Prepared By: Bucky Ritchie
Date: 8/28/01

Melrose Operating Company

Current Wellbore

Artesia Unit # 10



Field Name:	Artesia;Queen-Grayburg-S/A	Well Type:	Oil
County:	Eddy	Depth:	2215'
State:	N.M.	Drilling Commenced:	01/31/61
Twp/Rnge	T-17S, R-28E	Drilling Completed:	02/12/61
Section:	35	Date Well Plugged:	
Unit Letter:	C	Longitude:	
Footages:	360'FSL & 1950' FWL	Latitude:	
25 miles SE of Big Spring			
API #:	30-015-01749	Freshwater Depth:	350-450'
Lease or ID #:			

Casing

Size	Hole Size	Depth:	Cement	TOC:
7"	10-3/4"	580'	75 sx	345'
4-1/2"	6-1/4"	2214'	125 sx	826'

Perforations

Formations	Top	Bottom
San Andres	2167	2173

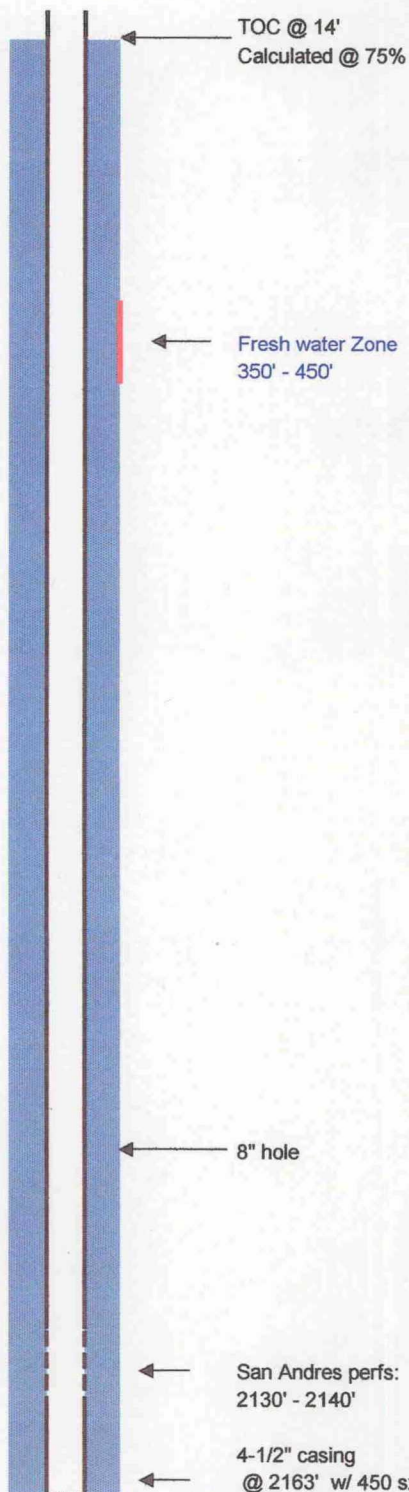
Comments

Prepared By: Bucky Ritchie
Date: 8/28/01

Melrose Operating Company

Current Wellbore

Artesia Unit # 11



Field Name:	Artesia;Queen-Grayburg-S/A	Well Type:	Oil
County:	Eddy	Depth:	2166'
State:	N.M.	Drilling Commenced:	11/11/60
Twp/Rnge	T-17S, R-28E	Drilling Completed:	12/20/60
Section:	35	Date Well Plugged:	
Unit Letter:	D	Longitude:	
Footages:	360' FNL & 360' FWL	Latitude:	
25 miles SE of Big Spring		Freshwater Depth:	350-450'
API #:	30-015-02654		
Lease or ID #:			

Casing				
Size	Hole Size	Depth:	Cement	TOC:
No surface casing				
4-1/2"	8"	2163'	450 sx	14'

Perforations			
Formations		Top	Bottom
San Andres		2130	2140

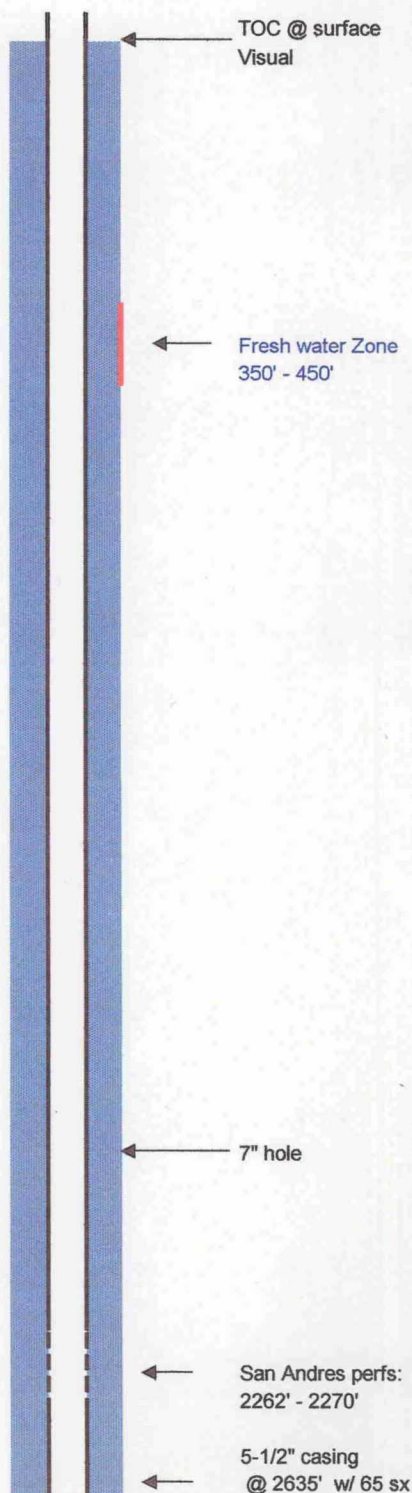
Comments

Prepared By: Bucky Ritchie
Date: 8/28/01

Melrose Operating Company

Current Wellbore

Artesia Unit # 12



Field Name:	Artesia; Queen-Grayburg-S/A	Well Type:	Oil
County:	Eddy	Depth:	2715'
State:	N.M.	Drilling Commenced:	09/05/54
Twp/Rnge	T-17S, R-28E	Drilling Completed:	12/10/54
Section:	35	Date Well Plugged:	
Unit Letter:	E	Longitude:	
Footages:	1980' FNL & 660' FWL	Latitude:	
25 miles SE of Big Spring			
API #:	30-015-01745	Freshwater Depth:	350-450'
Lease or ID #:			

Casing

Size	Hole Size	Depth:	Cement	TOC:
8-5/8"	10"	607'	Mudded	Pulled
5-1/2"	7"	2635'	365"	surface

Perforations

Formations	Top	Bottom
San Andres	2262	2270

Comments

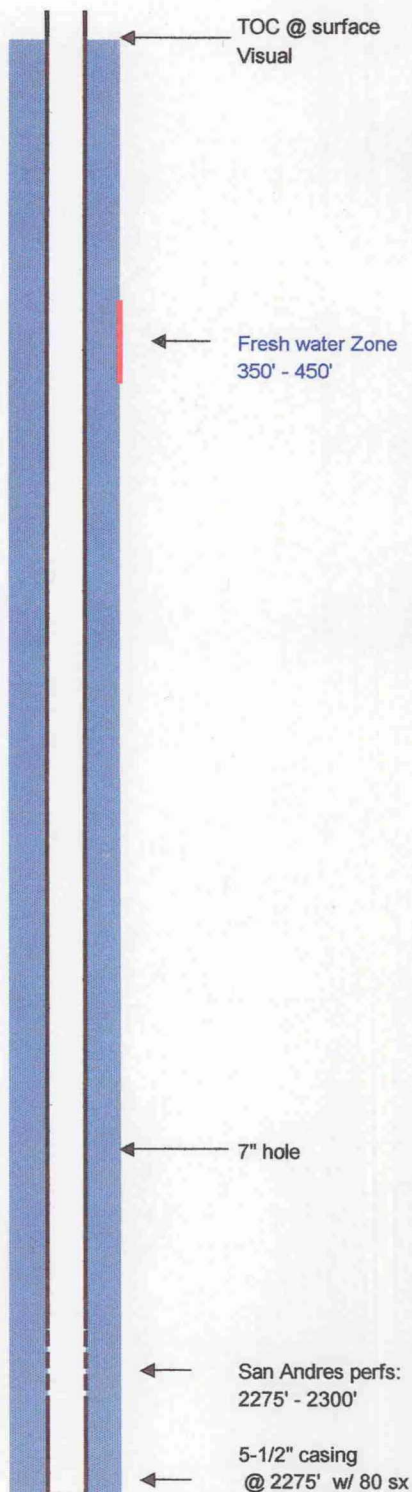
*
4/17/01 - 4/23/01 - Operator perforated 5-1/2" and re-cemented casing with 300 sx Class "C" w/ 3% CaCl @ 15.4#/gal. Circulated 10 sx to pit. Ran bond log, top of cement at surface. Good bond through out. (See BJ Cementing report attached)

Prepared By: Bucky Ritchie
Date: 8/28/01

Melrose Operating Company

Current Wellbore

Artesia Unit # 13



Field Name:	Artesia;Queen-Grayburg-S/A	Well Type:	Oil
County:	Eddy	Depth:	2900'
State:	N.M.	Drilling Commenced:	12/30/54
Twp/Rnge	T-17S, R-28E	Drilling Completed:	03/03/55
Section:	35	Date Well Plugged:	
Unit Letter:	F	Longitude:	
Footages:	1980' FNL & 1980' FWL	Latitude:	
25 miles SE of Big Spring		Freshwater Depth:	350-450'
API #:	30-015-01754		
Lease or ID #:			

Casing

Size	Hole Size	Depth:	Cement	TOC:
8-5/8"	11"	475'	Mudded	Pulled
5-1/2"	7"	2275'	80sx*	1830'

Perforations

Formations		Top	Bottom
San Andres		2275	2300

Comments

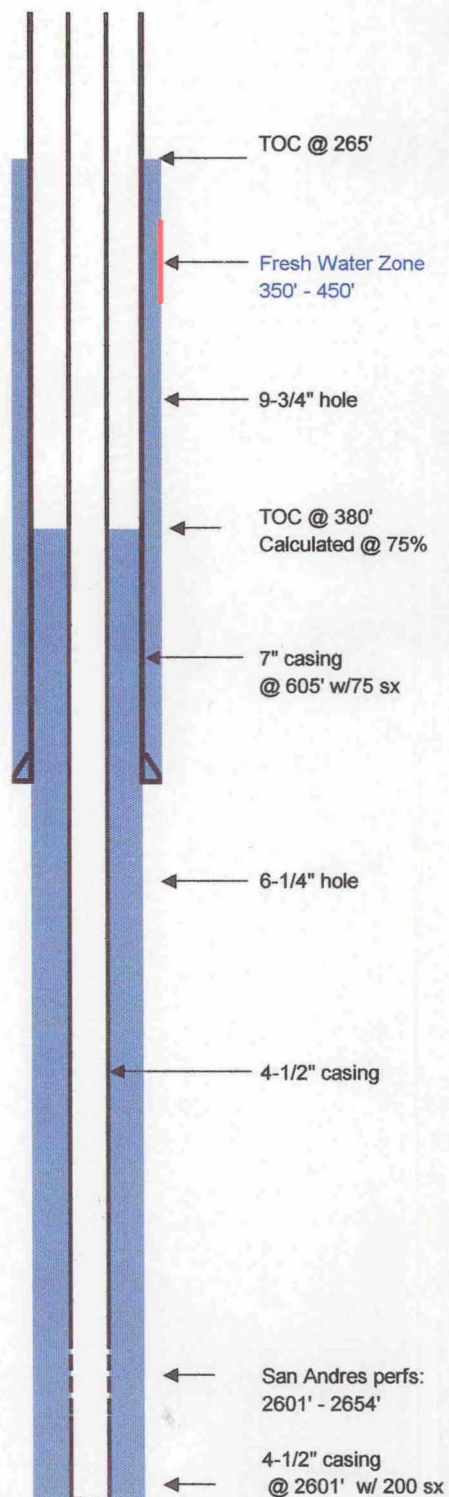
*
4/30/01 - 5/15/01 - Operator perforated 5-1/2" @ 1800' and re-cemented casing with 800 sx 35/65 @ 12.6#/gal. & 200 sx Class "C". Circulated 125 sx to pit. Ran bond log, top of cement at surface. Good bond through out.

Prepared By: Bucky Ritchie
Date: 8/28/01

Melrose Operating Company

Current Wellbore

Artesia Unit # 16



Field Name:	Artesia;Queen-Grayburg-S/A	Well Type:	Oil
County:	Eddy	Depth:	2651'
State:	N.M.	Drilling Commenced:	02/19/57
Twp/Rnge	T-17S, R-28E	Drilling Completed:	03/13/57
Section:	36	Date Well Plugged:	
Unit Letter:	E	Longitude:	
Footages:	1980'FNL & 660' FWL	Latitude:	
25 miles SE of Big Spring			
API #:	30-015-01759	Freshwater Depth:	350-450'
Lease or ID #:			

Casing

Size	Hole Size	Depth:	Cement	TOC:
7"	9-3/4"	605'	75 sx	265'
4-1/2"	6-1/4"	2601'	200 sx	380'

Perforations

Formations	Top	Bottom
San Andres	2601	2654

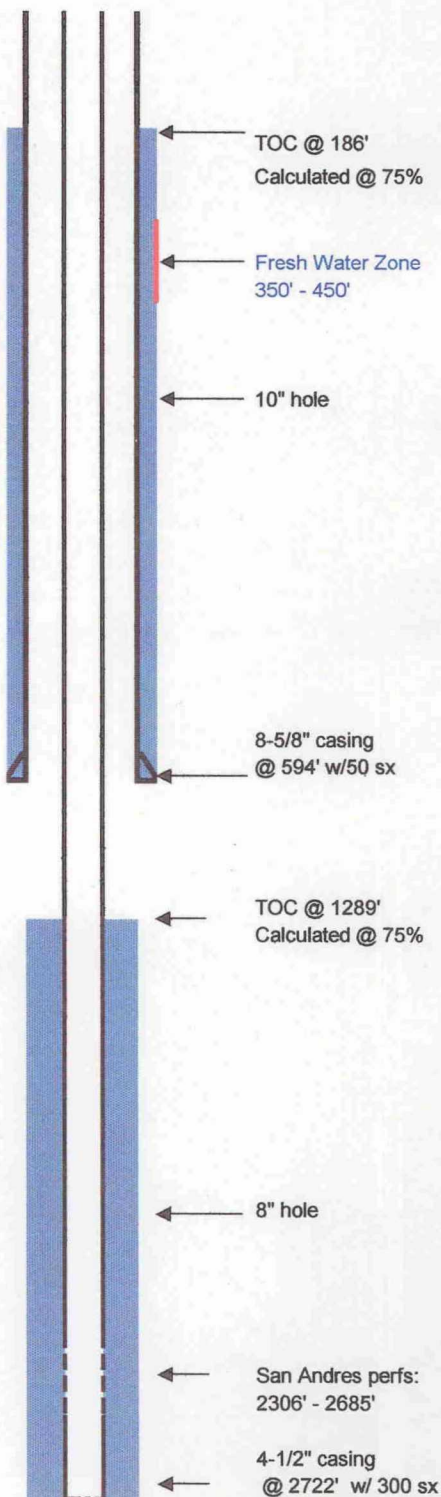
Comments

Prepared By: Bucky Ritchie
Date: 8/28/01

Melrose Operating Company

Current Wellbore

Artesia Unit # 17



Field Name:	Artesia;Queen-Grayburg-S/A	Well Type:	Oil
County:	Eddy	Depth:	2725'
State:	N.M.	Drilling Commenced:	04/03/57
Twp/Rnge	T-17S, R-28E	Drilling Completed:	05/27/57
Section:	36	Date Well Plugged:	
Unit Letter:	F	Longitude:	
Footages:	1980'FNL & 1980' FWL	Latitude:	
25 miles SE of Big Spring			
API #:	30-015-01761	Freshwater Depth:	350-450'
Lease or ID #:			

Casing

Size	Hole Size	Depth:	Cement	TOC:
8-5/8"	10"	594'	50 sx	186'
4-1/2"	8"	2722'	300 sx	1289'

Perforations

Formations	Top	Bottom
San Andres	2306	2685

Comments

Prepared By: Bucky Ritchie
Date: 8/28/01

Melrose Operating Company

Current Wellbore

Artesia Unit # 18

TOC @ surface
Calculated @ 75%

Fresh Water Zone
350' - 450'

10" hole

8-5/8" casing
@ 445' w/75 sx

TOC @ 1827'
Calculated @ 75%

8" hole

San Andres perms:
2356' - 2750'

4-1/2" casing
@ 2782' w/ 200 sx

Field Name:	Artesia; Queen-Grayburg-S/A	Well Type:	Oil
County:	Eddy	Depth:	2784'
State:	N.M.	Drilling Commenced:	04/06/57
Twp/Rnge	T-17S, R-28E	Drilling Completed:	06/10/57
Section:	36	Date Well Plugged:	
Unit Letter:	K	Longitude:	
Footages:	1980' FSL & 1980' FWL	Latitude:	
25 miles SE of Big Spring			
API #:	30-015-01762	Freshwater Depth:	350-450'
Lease or ID #:			

Casing

Size	Hole Size	Depth:	Cement	TOC:
8-5/8"	10"	445'	75 sx	surface
4-1/2"	8"	2782'	200 sx	1827'

Perforations

Formations	Top	Bottom
San Andres	2356	2750

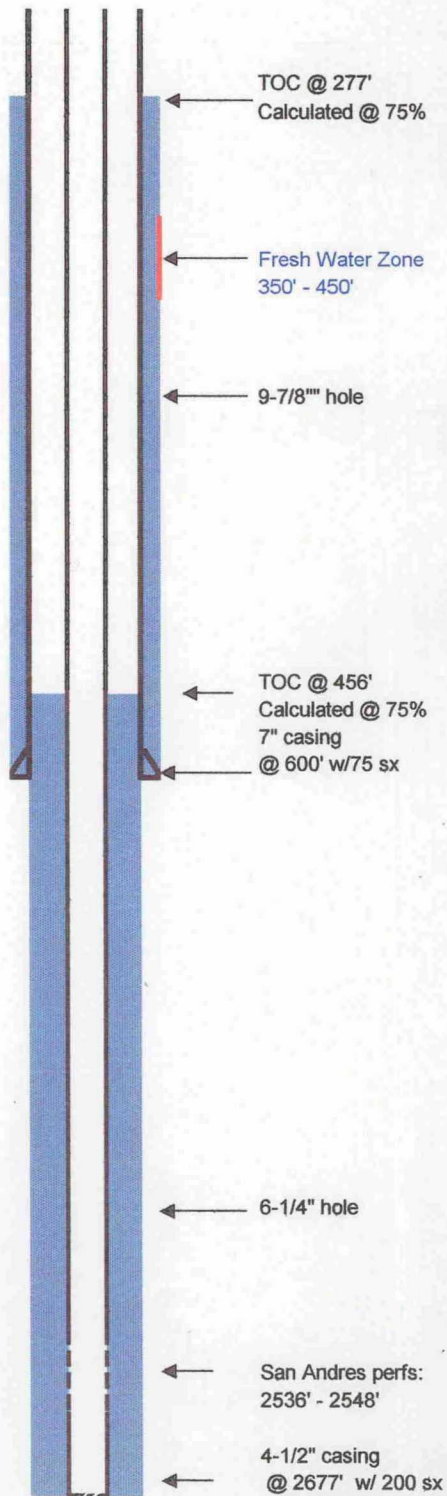
Comments

Prepared By: Bucky Ritchie
Date: 8/28/01

Melrose Operating Company

Current Wellbore

Artesia Unit # 19



Field Name:	Artesia;Queen-Grayburg-S/A	Well Type:	Oil
County:	Eddy	Depth:	2730'
State:	N.M.	Drilling Commenced:	02/25/57
Twp/Rnge	T-17S, R-28E	Drilling Completed:	03/16/57
Section:	36	Date Well Plugged:	
Unit Letter:	L	Longitude:	
Footages:	1980'FSL & 660' FWL	Latitude:	
25 miles SE of Big Spring			
API #:	30-015-01760	Freshwater Depth:	350-450'
Lease or ID #:			

Casing

Size	Hole Size	Depth:	Cement	TOC:
7"	9-7/8"	600'	75 sx	277'
4-1/2"	6-1/4"	2677'	200 sx	456'

Perforations

Formations	Top	Bottom
San Andres	2536	2548

Comments

Prepared By: Bucky Ritchie
Date: 8/28/01

Melrose Operating Company**Current Wellbore****Artesia Unit # 44**

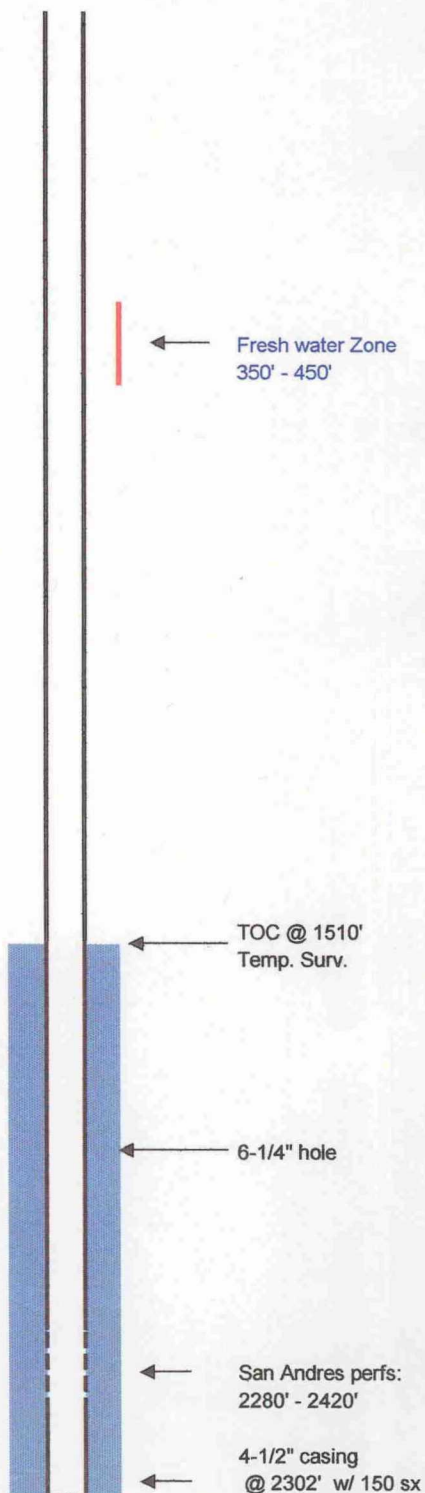
Field Name:	Artesia; Queen-Grayburg-S/A	Well Type:	Oil
County:	Eddy	Depth:	2430'
State:	N.M.	Drilling Commenced:	
Twps/Rnge	T-18S, R-28E	Drilling Completed:	12/10/56
Section:	3	Date Well Plugged:	
Unit Letter:	E	Longitude:	
Footages:	2310' FNL & 990' FWL	Latitude:	
25 miles SE of Big Spring			
API #:	30-015-01796	Freshwater Depth:	350-450'
Lease or ID #:			

Casing

Size	Hole Size	Depth:	Cement	TOC:
4-1/2"	6-1/4"	2302'	150 sx	1510'

Perforations

Formations	Top	Bottom
San Andres	2280	2420

Comments

Prepared By: Bucky Ritchie
Date: 8/28/01

Melrose Operating Company

Current Wellbore

Artesia Unit # 46

Field Name:	Artesia; Queen-Grayburg-S/A	Well Type:	Oil
County:	Eddy	Depth:	2563'
State:	N.M.	Drilling Commenced:	08/20/55
Twp/Rnge	T-18S, R-28E	Drilling Completed:	09/30/55
Section:	3	Date Well Plugged:	
Unit Letter:	F	Longitude:	
Footages:	2310' FNL & 2267' FWL	Latitude:	
25 miles SE of Big Spring			
API #:	30-015-02541	Freshwater Depth:	350-450'
Lease or ID #:			

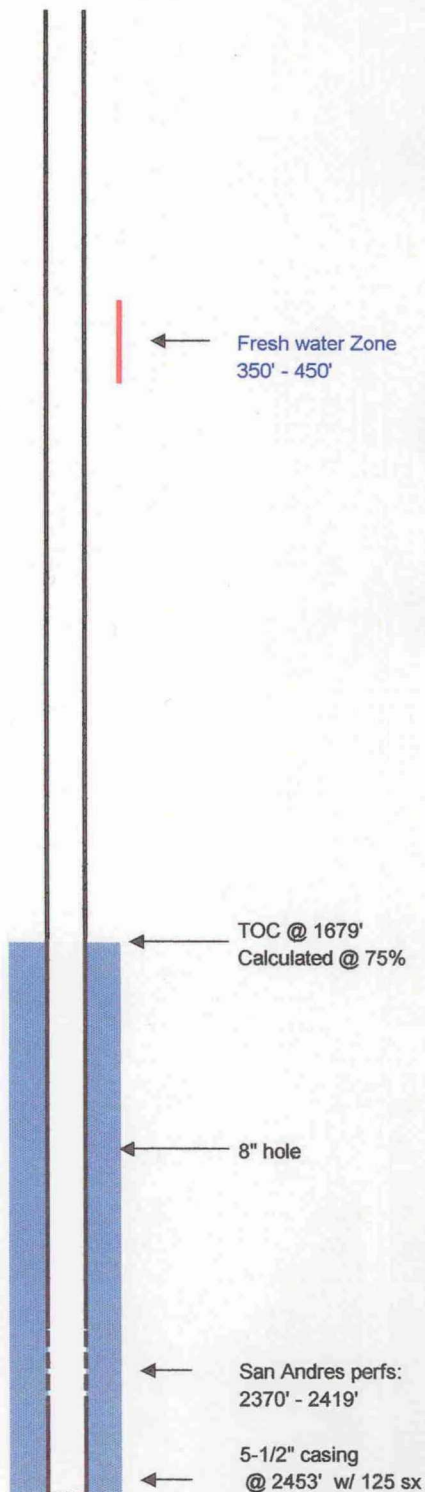
Casing

Size	Hole Size	Depth:	Cement	TOC:
5-1/2"	8"	2453'	125 sx	1679'

Perforations

Formations	Top	Bottom
San Andres	2370	2419

Comments

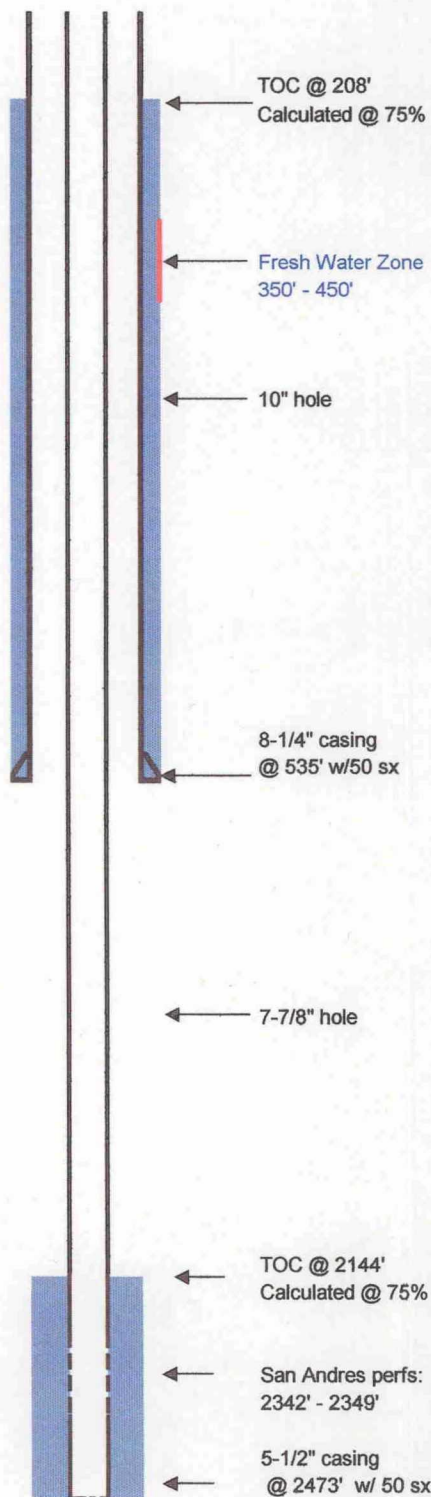


Prepared By: Bucky Ritchie
Date: 8/28/01

Melrose Operating Company

Current Wellbore

Artesia Unit # 54



Field Name:	Artesia; Queen-Grayburg-S/A	Well Type:	Oil
County:	Eddy	Depth:	2473'
State:	N.M.	Drilling Commenced:	07/12/55
Twp/Rnge	T-18S, R-28E	Drilling Completed:	08/04/55
Section:	3	Date Well Plugged:	
Unit Letter:	K	Longitude:	
Footages:	1654' FSL & 2272' FWL	Latitude:	
25 miles SE of Big Spring			
API #:	30-015-01801	Freshwater Depth:	350-450'
Lease or ID #:			

Casing				
Size	Hole Size	Depth:	Cement	TOC:
8-1/4"	10"	535'	50 sx	208'
5-1/2"	7-7/8"	2473'	50 sx	2144'

Perforations			
Formations		Top	Bottom
San Andres		2342	2349

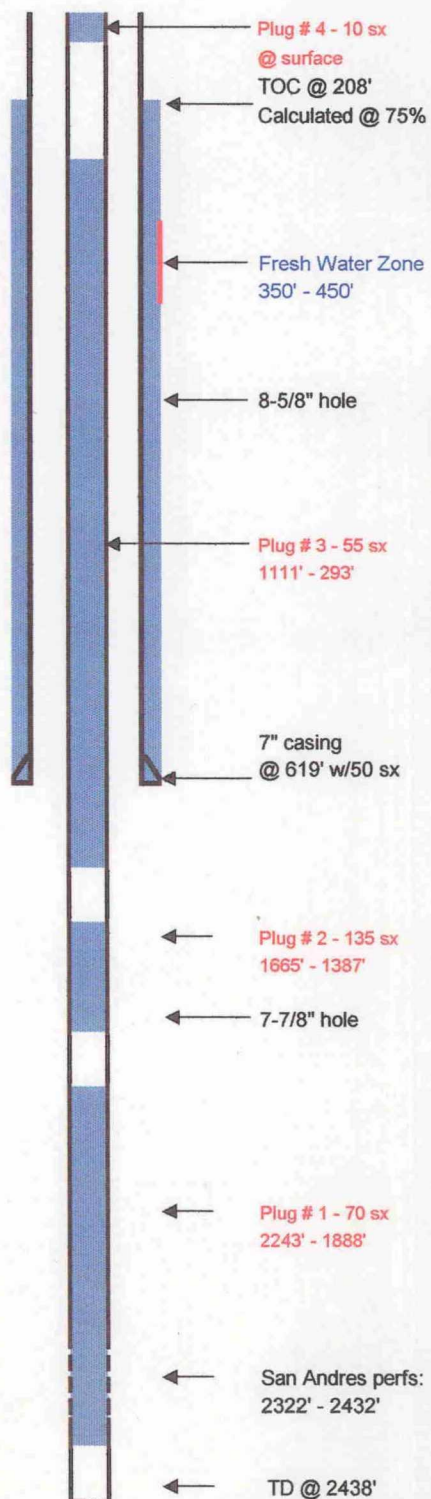
Comments

Prepared By: Bucky Ritchie
Date: 8/28/01

Melrose Operating Company

Current Wellbore

Artesia Unit # 57



Field Name:	Artesia;Queen-Grayburg-S/A	Well Type:	Oil
County:	Eddy	Depth:	2438'
State:	N.M.	Drilling Commenced:	
Twp/Rnge	T-18S, R-28E	Drilling Completed:	08/23/27
Section:	3	Date Well Plugged:	
Unit Letter:	L	Longitude:	
Footages:	1570'FSL & 1070' FWL	Latitude:	
25 miles SE of Big Spring		Freshwater Depth:	350-450'
API #:	30-015-01795		
Lease or ID #:			

Casing

Size	Hole Size	Depth:	Cement	TOC:
7"	8-5/8"	619'	50 sx	208'

Perforations

Formations	Top	Bottom
San Andres	2342	2349

Comments

Plugs:

70 sx Class C from 2243' - 1888'
 135 sx Class C from 1665' - 1387'
 55 sx Class C from 1111' - 293'
 10 sx plug at surface w/ marker.

Prepared By: Bucky Ritchie
 Date: 8/28/01

AUG 17 01:01:35P
AUG 16 01:00:17P

Anthony J. Beilman

(972) 771-6717

P.1

P.5

AUG-16-2001(THU) 13:57 BJ ARTESIA

P.001/001

TO: Robert Lee
FROM: Tony Beilman

B J Services Water Analysis Artesia District Laboratory (505)-746-3140			
Date:	27-Jul-01	Test #:	
Company:	Metros Operating	Well #:	
Lease:	Water Well	County:	Eddy
State:	NJL	Formation:	
Depth:		Source:	
pH:	8.48	Temp (F):	77.2
Specific Gravity	1.005		
CATIONS			
	mg/l	ma/l	ppm
Sodium (calc.)	2280	99.2	2269
Calcium	481	24.0	479
Magnesium	243	20.0	242
Barium	< 25	—	—
Potassium	< 10	—	—
Iron	1	0.0	1
ANIONS			
Chloride	4800	135.4	4776
Sulfate	299	6.2	297
Carbonate	< 1	—	—
Bicarbonate	122	2.0	121
Total Dissolved Solids(calc.)	8226		8185
Total Hardness as CaCO ₃	2202	44.0	2191
COMMENTS:			
SCALE ANALYSIS:			
CaCO ₃ Factor	58706.4	Calcium Carbonate Scale Probability →	Remote
CaSO ₄ Factor	144360	Calcium Sulfate Scale Probability →	Remote
Stiff Plot			
60 50 40 30 20 10 00 10 20 30 40 50 60 Na & K Ca Mg			Cl HCO ₃ SO ₄

Approximate depth 180'

November 21, 1997
Pro-Kem, Inc.
SDX Resources
Artesia Unit
Injection Pump

Volume Filtered = 575 ml.

0.45 Micron Membrane Filter Evaluation

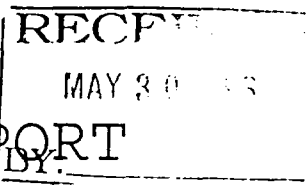
	mg/L.	% of Total
Hydrocarbons..... Oil, Paraffins, Asphaltenes, Etc.	17.2	30.84%
Carbonates..... Calcium Carbonate, Etc.	31.7	56.70%
Iron..... Iron Sulfide, Iron Oxide, Etc.	5.0	9.03%
Insolubles..... Sand, Silt, Calcium Sulfate, Etc.	1.9	3.43%
Total.....	55.8	100.00%

Microscopic examination of the residues after leaching with 15% HCl revealed the presence of the following:
Small amounts of undissolved Iron Sulfide along with what appears to be Calcium Sulfate.

Pro-Kem, Inc.

WATER ANALYSIS REPORT

AMPLE



Oil Co. : SDX Resources
Lease : Artesia Unit
Well No. : Heater Treater
Lab No. :

Sample Loc. :
Date Analyzed: 07-May-1996
Date Sampled :

C-108

ANALYSIS

1. pH 6.000
2. Specific Gravity 60/60 F. 1.090
3. CaCO₃ Saturation Index @ 80 F. -0.197
@ 140 F. +0.683

Dissolved Gasses

	MG/L	EQ. WT.	*MEQ/L
4. Hydrogen Sulfide	80		
5. Carbon Dioxide	Not Determined		
6. Dissolved Oxygen	Not Determined		

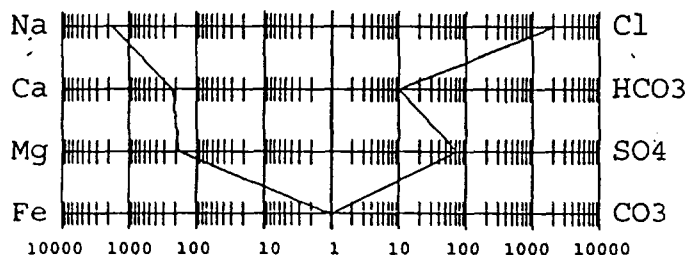
Cations

7. Calcium (Ca++)	4,208	/ 20.1 =	209.35
8. Magnesium (Mg++)	2,127	/ 12.2 =	174.34
9. Sodium (Na+) (Calculated)	39,677	/ 23.0 =	1,725.09
10. Barium (Ba++)	Not Determined		

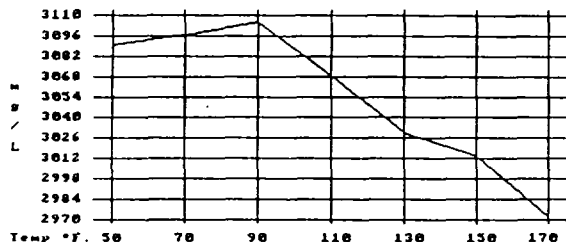
Anions

11. Hydroxyl (OH-)	0	/ 17.0 =	0.00
12. Carbonate (CO ₃ =)	0	/ 30.0 =	0.00
13. Bicarbonate (HCO ₃ -)	586	/ 61.1 =	9.59
14. Sulfate (SO ₄ =)	3,400	/ 48.8 =	69.67
15. Chloride (Cl-)	71,984	/ 35.5 =	2,027.72
16. Total Dissolved Solids	121,982		
17. Total Iron (Fe)	14	/ 18.2 =	0.77
18. Total Hardness As CaCO ₃	19,267		
19. Resistivity @ 75 F. (Calculated)	0.066 /cm.		

LOGARITHMIC WATER PATTERN



Calcium Sulfate Solubility Profile



COMPOUND	EQ. WT. X	*meq/L = mg/L.	
Ca(HCO ₃) ₂	81.04	9.59	777
CaSO ₄	68.07	69.67	4,743
CaCl ₂	55.50	130.09	7,220
Mg(HCO ₃) ₂	73.17	0.00	0
MgSO ₄	60.19	0.00	0
MgCL ₂	47.62	174.34	8,302
NaHCO ₃	84.00	0.00	0
NaSO ₄	71.03	0.00	0
NaCl	58.46	1,723.28	100,743

*Milli Equivalents per Liter

This water is somewhat corrosive due to the pH observed on analysis. Corrosivity is increased by the content of mineral salts, and the presence of H₂S in solution.

Pro-Kem, Inc.

WATER ANALYSIS REPORT

AMPLE

Oil Co. : SDX Resources
 Lease : Yates Drilling well
 Well No. :
 Lab No. :

Sample Loc. :
 Date Analyzed: 07-May-1996
 Date Sampled :

ANALYSIS

1. pH 6.300
2. Specific Gravity 60/60 F. 1.063
3. CaCO₃ Saturation Index @ 80 F. -0.045
 @ 140 F. +0.880

Dissolved Gasses

	MG/L	EQ. WT.	*MEQ/L
4. Hydrogen Sulfide	150		
5. Carbon Dioxide	Not Determined		
6. Dissolved Oxygen	Not Determined		

Cations

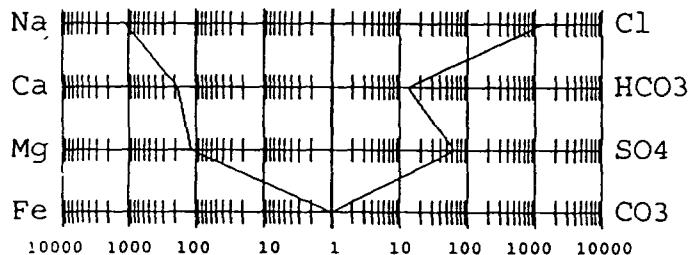
7. Calcium (Ca ⁺⁺)	3,507	/ 20.1 =	174.48
8. Magnesium (Mg ⁺⁺)	1,398	/ 12.2 =	114.59
9. Sodium (Na ⁺) (Calculated)	25,552	/ 23.0 =	1,110.96
10. Barium (Ba ⁺⁺)	Not Determined		

Anions

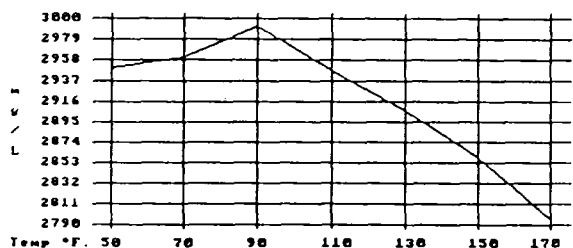
11. Hydroxyl (OH ⁻)	0	/ 17.0 =	0.00
12. Carbonate (CO ₃ ⁼)	0	/ 30.0 =	0.00
13. Bicarbonate (HCO ₃ ⁻)	766	/ 61.1 =	12.54
14. Sulfate (SO ₄ ⁼)	3,050	/ 48.8 =	62.50
15. Chloride (Cl ⁻)	46,989	/ 35.5 =	1,323.63
16. Total Dissolved Solids	81,262		
17. Total Iron (Fe)	3	/ 18.2 =	0.14
18. Total Hardness As CaCO ₃	14,513		
19. Resistivity @ 75 F. (Calculated)	0.121 /cm.		

LOGARITHMIC WATER PATTERN

*meq/L.



Calcium Sulfate Solubility Profile



COMPOUND	EQ. WT.	X	*meq/L = mg/L.
Ca (HCO ₃) ₂	81.04	12.54	1,016
CaSO ₄	68.07	62.50	4,254
CaCl ₂	55.50	99.44	5,519
Mg (HCO ₃) ₂	73.17	0.00	0
MgSO ₄	60.19	0.00	0
MgCl ₂	47.62	114.59	5,457
NaHCO ₃	84.00	0.00	0
NaSO ₄	71.03	0.00	0
NaCl	58.46	1,109.60	64,867

*Milli Equivalents per Liter

Water is slightly corrosive due to the pH observed on analysis. Corrosivity is increased by the content of mineral salts, and the presence of H₂S in solution.

Comparison Between Two Waters

07-May-1996

FO: Pro-Kem, Inc.

Company : SDX Resources

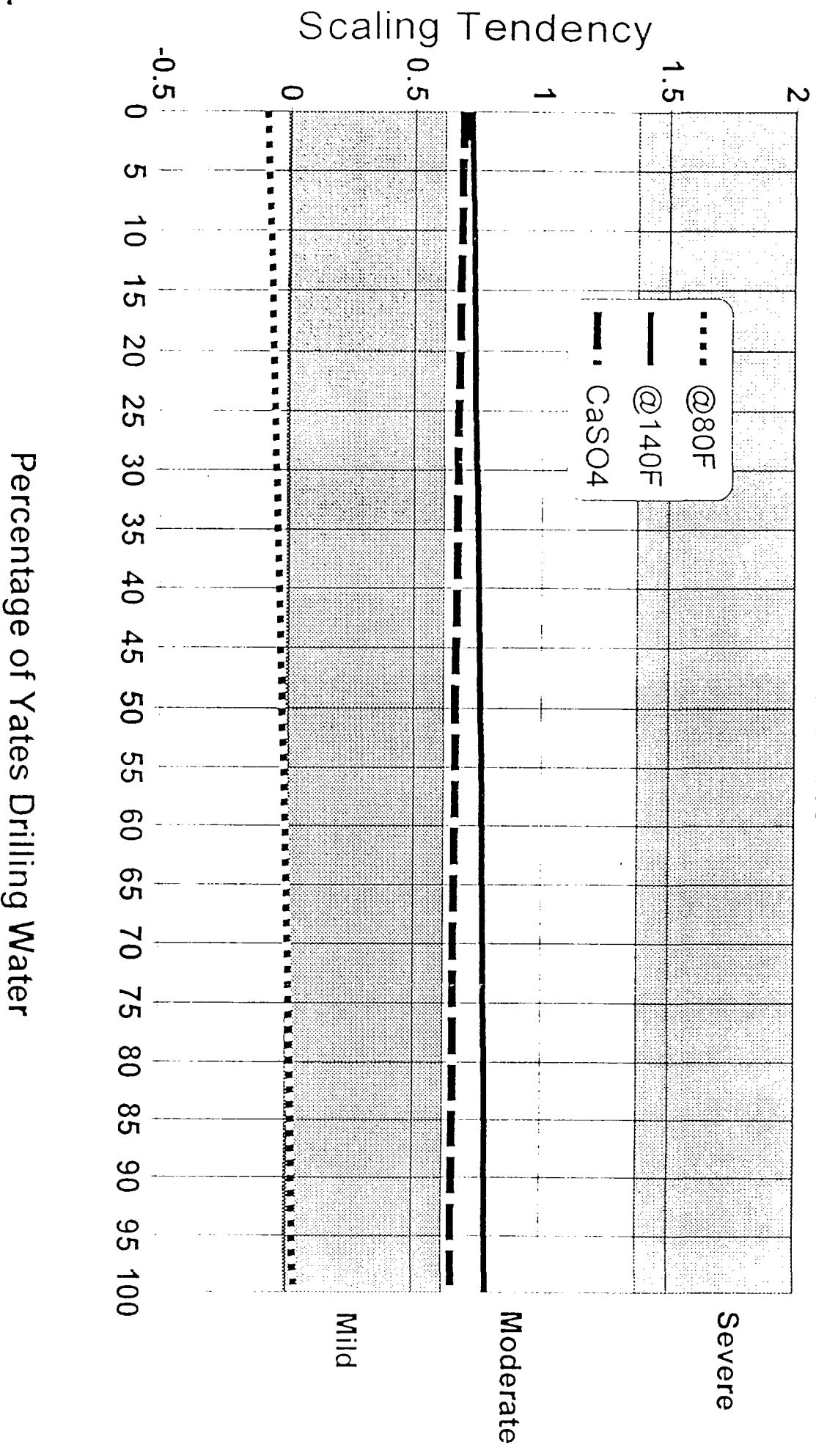
Sample # 1
Artesia Unit H/T

Sample # 2
Yates Drilling Well

Percent of #1 & #2	pH	TDS mg/L	SpGr	Saturation Index @80°F.	Saturation Index @140°F.	Calcium Sulfate Scaling Potential
100 - 0	6.000	121982	1.090	-0.092	+0.722	Mild to Moderate
95 - 5	6.015	119946	1.089	-0.084	+0.727	Mild to Moderate
90 - 10	6.030	117910	1.087	-0.077	+0.732	Mild to Moderate
85 - 15	6.045	115874	1.086	-0.070	+0.736	Mild to Moderate
80 - 20	6.060	113838	1.085	-0.063	+0.740	Mild to Moderate
75 - 25	6.075	111802	1.083	-0.057	+0.744	Mild to Moderate
70 - 30	6.090	109766	1.082	-0.050	+0.748	Mild to Moderate
65 - 35	6.105	107730	1.081	-0.044	+0.752	Mild to Moderate
60 - 40	6.120	105694	1.079	-0.037	+0.756	Mild to Moderate
55 - 45	6.135	103658	1.078	-0.031	+0.760	Mild to Moderate
50 - 50	6.150	101622	1.077	-0.025	+0.763	Mild to Moderate
45 - 55	6.165	99,586	1.075	-0.019	+0.767	Mild to Moderate
- 60	6.180	97,550	1.074	-0.013	+0.770	Mild to Moderate
- 65	6.195	95,514	1.072	-0.007	+0.773	Mild to Moderate
30 - 70	6.210	93,478	1.071	-0.002	+0.776	Mild to Moderate
25 - 75	6.225	91,442	1.070	+0.004	+0.779	Mild to Moderate
20 - 80	6.240	89,406	1.068	+0.009	+0.782	Mild to Moderate
15 - 85	6.255	87,370	1.067	+0.015	+0.785	Mild to Moderate
10 - 90	6.270	85,334	1.066	+0.020	+0.788	Mild to Moderate
5 - 95	6.285	83,298	1.064	+0.025	+0.790	Mild to Moderate
0 - 100	6.300	81,262	1.063	+0.030	+0.793	Mild to Moderate

Mixture of Makeup and Produced Water

SDX Resources



**Plugged and Abandoned Wells Within ½ Mile of Melrose Operating
Artesia Unit C-108 Injection Application
Eddy County, NM**

1. Vastar Resources
Empire Abo Unit C #38
T-17-S, R-28-e, Section 26
API # 30-015-01553
1650 FSL & 1980 FWL
2. BP Amoco
Empire Abo Unit B # 39
T-17-S, R-28-E, Section 26
API # 30-015-01559
2310 FSL & 1980 FEL
3. Marbob Energy
N.G. Phillips #5
T-17-S, R-28-E, Section 27
API # 30-015-01573
1650 FSL & 1650 FEL
4. Vastar Resources
Empire Abo Unit D # 35
T-17-S, R-28-E, Section 27
API # 30-015-01590
330 FSL & 1980 FEL
5. Marbob Energy
N.G. Phillips #3
T-17-S, R-28-E, Section 27
API # 30-015-01571
330 FSL & 330 FEL
6. Marbob Energy
Amoco State C #1
T-17-S, R-28-E, Section 34
API # 30-015-01701
344 FNL & 1650 FEL
7. Vastar Resources
Empire Abo Unit G # 36
T-17-S, R-28-E, Section 34
API # 30-015-01706
2310 FSL & 990 FEL
8. Arco
Empire Abo Unit #35
T-17-S, R-28-E, Section 34
API # 30-015-01703
970 FSL & 2274 FEL

9. Phillips
Carper-Levers #3
330 FSL & 1650 FWL
API # 30-015-01722
330 FSL & 1650 FWL
10. Vastar Resources
Empire Abo Unit E #381
T-17-S, R-28-E, Section 35
API # 30-015-21536
1155 FNL & 2475 FWL
11. Vastar Resources
Abo Unit E # 373
T-17-S, R-28-E, Section 35
API # 30-015-22462
150 FNL & 15 FWL
12. Vastar Resources
Empie Abo Unit F # 372
T-17-S, R-28-e, Section 35
API # 30-015-22137
2490 FNL & 1100 FWL
13. Artesia Unit #20
T-17-S, R-28-E, Section 35
API # 30-015-02126
330 FEL & 2310 FSL
14. Dekalb Energy
Artesia Unit #30
T-17-S, R-28-E, Section 35
API # 30-015-01743
990 FSL & 2310 FEL
15. SDX Resources
Artesia Unit #16
T-17-S, R-28-E, Section 36
API # 30-015-01759
1980 FNL & 660 FWL
16. Chambers, Kemed & AH Haden
Delhi- Taylor State #1
T-17-S, R-28-E, Section 35
API # 30-015-07310
660 FSL & 1980 FWL
17. Hondo-Western
State A #41
T-17-S, R-28-E, Section 35
API # 30-015-01741
2310 FSL & 2310 FEL

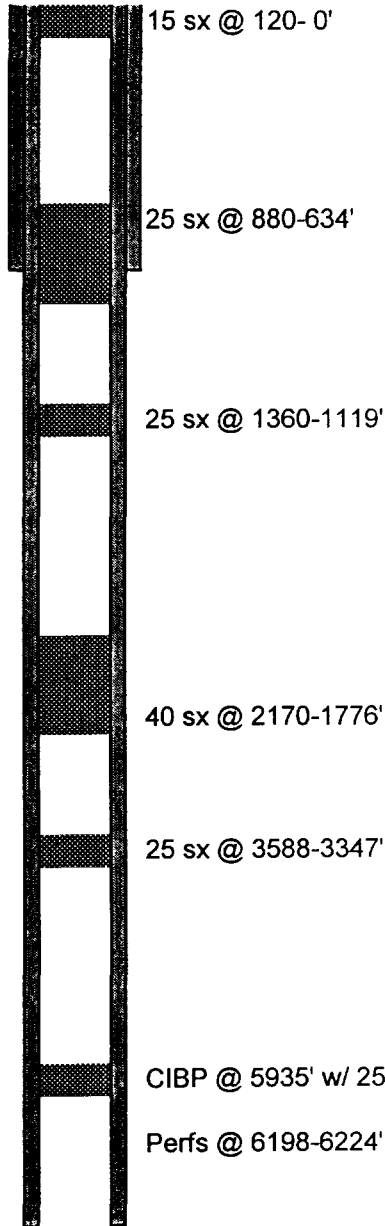
18. Welch
Mry-State #4
T-17-S, R-28-E, Section 35
API # 30-015-01757
990 FNL & 2310 FWL
19. Depco
Artesia Unit #12
T-17-S, R-28-E, Section 35
API # 30-015-01730
1650 FNL & 660 FWL
20. Welch
State #1
T-17-S, R-28-E, Section 35
API # 30-015-01729
2310 FNL & 250 FWL
21. Hughes
State A #43
T-17-S, R-28-E, Section 36
API # 30-015-02153
330 FNL & 1650 FWL
22. Donnelly Drilling
Sinclair State B #3
T-17-S, R-28-E, Section 36
API # 30-015-01765
660 FSL & 1980 FEL
23. Johnston
Five #4
T-17-S, R-28-E, Section 36
API # 30-015-10544
1650 FNL & 660 FEL
24. Dekalb Energy
Artesia Unit #57
T-18-S, R-28-E, Section 3
API # 30-015-01795
1570 FSL & 1070 FWL
25. SDX Resources
Artesia Unit #61
T-18-S, R-28-E, Section 3
API # 30-015-02550
660 FSL & 2310 FEL
26. Melrose
Artesia Unit #66
T-18-S, R-28-E, Section 3
API # 30-015-20322
1550 FNL & 1950 FWL

27. Flynn Welch
State 647 #42
T-18-S, R-28-E, Section 3
API # 30-015-01794
2390 FSL & 1070 FWL
28. Flynn-Welch
State 647 #41
T-18-S, R-28-E, Section 3
API # 30-015-01793
1570 FSL & 250 FWL
29. Fina Oil & Chemical
Humble Stout State #1
T-18-S, R-28-E, Section 4
API # 30-015-02590
2310 FSL & 330 FEL
30. Fina
Levers State #5
T-18-S, R-28-E, Section 4
API # 30-015-02573
1070 FSL & 1570 FEL
31. McGonagille
Carper State #1
T-18-S, R-28-E, Section 4
API # 30-015-02557
330 FNL & 330 FEL
32. Maloney & Chambers (No. 647, Sec. 4)
State #1
T-18-S, R-28-E, Section 4
API # 30-015-02559
2390 FNL & 1070 FEL
33. Frontier Petroleum
McQuigg #5
1570 FSL & 1570 FEL
T-18-S, R-28-E, Section 4
API # 30-015-02565
34. Sunray DX Oil
Bookman State #1
T-18-S, R-28-E, Section 4
API # 30-015-02560
1570 FSL & 1070 FEL
35. BP Amoco
Empire Abo Unit #19
T-17-S, R-28-E, Section 36
API # 30-015-22543
2280 FNL & 660 FEL

WELLBORE SCHEMATIC

BP Amoco
Empire Abo Unit C #38
1650 FSL & 1980 FWL
Section 26-17s-28e
Eddy County, New Mexico
Ground Elevation:
Total Depth: 6,310 feet
API #30-015-01553
Date Drilled: 7/8/60
Status:

Casing: 8 5/8"
Hole Size:
Depth: 720'
Cement: 375 sx



Casing: 5 1/2"
Hole Size:
Depth: 6,310'
Cement: 340 sx

TD: 6,310'

Santa Fe, New Mexico

AREA 640 ACRES
LOCATE WELL CORRECTLY

WELL RECORD

01553

JUL 13 1960

N. C. C.
ARTESIA, OFFICE

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 5 Copies

Hondo-Western-Yates

(Company or Operator)

State 'A'

(Name)

Well No. 21 in NE $\frac{1}{4}$ of SW $\frac{1}{4}$ of Sec. 26, T. 18-N, R. 20-E, NMPM.

Rupia Also Indesignated

Pool

144

County.

Well is 1900 feet from West line and 1450 feet from South lineof Section 26. If State Land the Oil and Gas Lease No. is 447Drilling Commenced 6-25-60, 19 6-25-60 Drilling was Completed 7-7-60, 19 6-25-60Name of Drilling Contractor Yates Drilling CompanyAddress Artesia, New MexicoElevation above sea level at Top of Tubing Head 3664 The information given is to be kept confidential until, 19 6-25-60

OIL SANDS OR BONES

No. 1, from 6004 to 6310 No. 4, from 6004 to 6310No. 2, from 6004 to 6310 No. 5, from 6004 to 6310No. 3, from 6004 to 6310 No. 6, from 6004 to 6310

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 6004 to 6310 feetNo. 2, from 6004 to 6310 feetNo. 3, from 6004 to 6310 feetNo. 4, from 6004 to 6310 feet

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF HOSE	OUT AND PULLED FROM	PENETRATIONS	PURPOSE
8-5/8"	28.4	Used	720'	Float			Surface
5-1/2"	25.54	New	6310'	Float			Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WEIGHT SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	8-5/8"	720'	375	Pump - Plug		
9-7/8"	5-1/2"	6310'	190 Bags BBS 400	Pump - Plug		1 unit HUS 400 = Approx 3 sk.
			150 sk. Inoc 14 gal.			

RECORD OF PRODUCTION AND STIMULATION

#1

Submit 3 Copies
to Appropriate
District Office

DISTRICT I

P.O. Box 1888, Hobbs, NM 88240

DISTRICT II

P.O. Drawer 88, Artesia, NM 88210

DISTRICT III

1600 Rio Brueco Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2008

RECEIVED

MAY 20 1991

O. C. D.
ARTESIA, OFFICEForm C-103
Revised 1-1-88

WELL API NO.

30-015-01553

3. Indicate Type of Lease

STATE ☒FEE ☐

6. State Oil & Gas Lease No.

647

7. Lease Name or Unit Agreement Name

Empire Abo Unit "C"

8. Well No.

38

9. Foot Name or Wildcat

Empire Abo

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS)

1. Type of Well:

OIL

WELL ☒

GAS

WELL ☐

other

2. Name of Operator

ARCO OIL and GAS COMPANY

3. Address of Operator

P.O. Box 1810, Midland, Texas 79702

4. Well Location

Unit Letter K : 1650 Feet From The South Line and 1980 Feet from The West Line

Section 26

Township 17S

Range 28E

NMPM Eddy

County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

3673 RKB

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

NOTICE OF INTENTION TO:PERFORM REMEDIAL WORK ☐PLUG AND ABANDON ☐TEMPORARILY ABANDON ☐CHANGE PLANS ☐PULL OR ALTER CASING ☐(Other) ☐**SUBSEQUENT REPORT OF:**REMEDIAL WORK ☐ALTERING CASING ☐COMMENCE DRILLING OPNS. ☐PLUG AND ABANDONMENT ☒CASING TEST AND CEMENT JOB ☐(Other) ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

2-07-91. MIRU.

Plug	Interval	Cmt	Remarks
1	5935-5694	25 sx	Set CIBP at 5935. Displace hole MLF. 25 sx cmt on top of CIBP.
2	3588-3347	25 sx	Spot
3	2170-1776	40 sx	Spot
4	1360-1119	25 sx	Spot
5	880-634	25 sx	Spot
6	120-Surf	15 sx	Spot

Part ID-2
5-24-91
P & A

CO wellhead & installed dry hole marker. P&A'd 2-8-91.

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

SIGNATURE

Ken W. Goshell

TITLE

Regulatory Coordinator

DATE

5/16/91

TYPE OR PRINT NAME

Ken W. Goshell

TELEPHONE

(915) 688-5672

(This space for State Use)

APPROVED BY

[Signature]

TITLE

[Signature]

DATE

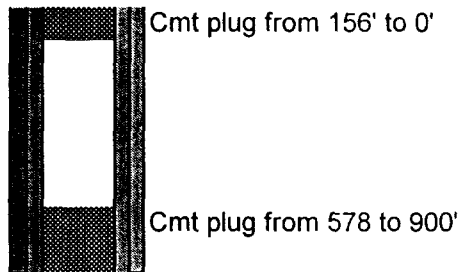
1/20/99

CONDITIONS FOR APPROVAL, IF ANY:

WELLBORE SCHEMATIC

BP Amoco
Empire Abo Unit B #39
2310 FSL & 1980 FEL
Section 36-17s-28e
Eddy County, New Mexico
Ground Elevation:
Total Depth:
API #30-015-01559
Date Drilled:
Date Plugged: 12/20/82

Casing: 8 5/8"
Hole Size:
Depth: 742'
Cement: 350 sx



Set retainer @ 3649' & sqz w/ 150 sx cmt.
Dump 50' on top of retainer
Perfed 3809-4030'

Casing: 5 1/2"
Hole Size:
Depth: 6,347'
Cement: 180 units HYS 400
& 150 sx 2% gel

TD: 6347'

Squeezed Abo perms w/ 350 sx cmt and dumped
50' cmt on retainer set @ 6073'
Perfs @ 6127-6220'

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

APPROVED RECEIVED	
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U.S.O.S.	
LAND OFFICE	
OPERATOR	☒

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

#2
30-015-0559
Form C-103
Revised 10-1-78

30-015-01559

30. Indicate Type of Lease
State ☒ Fee ☐
3. State Oil & Gas Lease No.
647

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO REDEPTH OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL ☐ GAS WELL ☐ OTHER: SWDW Name of Operator ARCO Oil and Gas Company, Division of Atlantic Richfield Company ✓ Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240 Location of Well UNIT LETTER <u>G</u> <u>2310</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM <u>East</u> LINE, SECTION <u>26</u> TOWNSHIP <u>17S</u> RANGE <u>28E</u> NMPM. 15. Elevation (Show whether DF, RT, GR, etc.) <u>3664' GR</u>	7. Unit Agreement Name E.A. Press. Maint. Proje 8. Farm or Lease Name Empire Abo Unit "B" 9. Well No. <u>39</u> 10. Field and Pool or Widened <u>Empire Abo</u> 12. County <u>Eddy</u>
---	---

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK	☐
TEMPORARILY ABANDON	☐
PULL OR ALTER CASING	☐
OTHER	☐
PLUG AND ABANDON	☐
CHANGE PLANS	☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK	☐
COMMENCE DRILLING OPNS.	☐
CASING TEST AND CEMENT JOB	☐
OTHER	☐
ALTERING CASING	☐
PLUG AND ABANDONMENT	☒

7. 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.

Rigged up on 10/11/82. Installed BOP. Rel pkr & POH. Drld & CO to 6223'. Set cmt retr @ 6073'. Cn sqzd Abo perfs 6127-6220' w/200 sx C1"C" cmt on vac. Cleared cmt, WOC 4 hrs. Sqz cmt thru retr @ 6073' w/150 sx C1"C". Final press. 1200#. Dumped 50' cmt on top of retr. Set pkr @ 3650', press annulus to 1000# for 30 mins. OK. POH w/pkr. Set cmt retr @ 3649'. Sqz cmt perfs 3809-4030' w/150 sx C1"C" neat cmt. Final sqz press 1500#. Dumped 50' cmt on top of retr. Circ 10# brine wtr to 900'. Spot C1"C" cmt plug 900-600'. WOC. Tagged cmt plug w/tbg @ 578'. OK. Spot C1"C" cmt plug 156' to surf. Cut off wellhead below ground level. Install regulation dry hole marker. Clean and level location. P&A eff: 10/19/82. Final Report.

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

Elizabeth L. Bush TITLE Drlg. Engr. DATE 10/21/82
 Approved by Randy Brooks TITLE Geologist DATE 3/17/83
 CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION

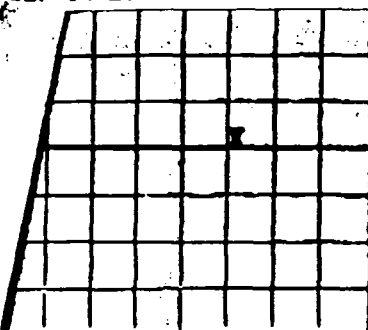
Santa Fe, New Mexico

01559

RECEIVED

WELL RECORD

FEB 26 1962

AREA 640 ACRES
LOCATE WELL CORRECTLY

Mail to District Office, Oil Conservation Commission, to which Form O-107, was sent not later than twenty days after completion of well. Follow instructions of the Commission. Submit in QUINTUPPLICATE. If State Land submit 6 Copies

Hondo-Waters-Yates

State 'A'

(Company or Operator)

(Loco)

Well No. 65, in SW $\frac{1}{4}$ of SE $\frac{1}{4}$, of Sec 26, T. 17-S, R. 20-E, NMPM.

Empire Abo

Pool,

R44

County.

Well is 2310 feet from South line and 1900 feet from East lineof Section 26. If State Land the Oil and Gas Lease No. is 647Drilling Commenced 12-12-61, 19____ Drilling was Completed 1-6-62, 19____Name of Drilling Contractor Yates Drig. Co.Address Garper Bldg.Elevation above sea level at Top of Tubing Head 3665 The information given is to be kept confidential until

_____, 19____

OIL SANDS OR ZONES

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

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet.

No. 2, from _____ to _____ feet.

No. 3, from _____ to _____ feet.

No. 4, from _____ to _____ feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	OUT AND PULLED FROM	PERFORATIONS	PURPOSE
8-5/8"	24.7	Used	742'	Float			Surface
5-1/2"	15.5	New	6347'	Float			Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	8-5/8"	742'	350	Pump - Plug		
7-7/8"	5-1/2"	6347'	180 Units 425 100 150 lbs. Inner 25 gal.	Pump - Plug		

MUD GRAVITY AND STIMULATION

01559

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

Name of Company Hondo-Western-Yates				Address Box 129, Artesia, New Mexico			
Lease State 'A'	Well No. 45	Unit Letter G	Section 26	Township 17-S	Range 28-E		
Date Work Performed See below	Pool Empire Abo			County Eddy			

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations ☐ Casing Test and Cement Job ☒ Other (Explain):
☐ Plugging ☐ Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

12-13-61 Ran 742' of 8-5/8" OD 24# used casing, cemented with 350 sks. regular neat cement 2% C.C.

1-7-62 Ran 6347' of 5-1/2" OD 15.5# new sale. casing, cemented with 180 units of HTS 400 plus 150 sks. 2% gel. (circ. 25 sks.)

2-10-62 Ran 6245' of 2" EUE 4.70# J-55 new sale tubing.

See attached page for perforations and treatment.

RECEIVED

FEB 26 1962

O. C. C.
ARTESIA OFFICE

Witnessed by A. J. Deans	Position Dist. Prod. Supt.	Company Hondo Oil & Gas Company
------------------------------------	--------------------------------------	---

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P BTD	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval			Producing Formation(s)	

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION

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

2-26-62

Approved by <i>M. J. Armstrong</i>	Name <i>A. J. Deans by [Signature]</i>
Title OIL AND GAS INSPECTOR	Position Dist. Prod. Supt.
Date FEB 26 1962	Company Hondo Oil & Gas Company

P&A wells within 1/2 mile of : Melrose Operating Company, Artesia Unit, C-108 Injection Application of 8/25/00

WELLBORE DIAGRAM

WELL NAME: N.G. Phillips State

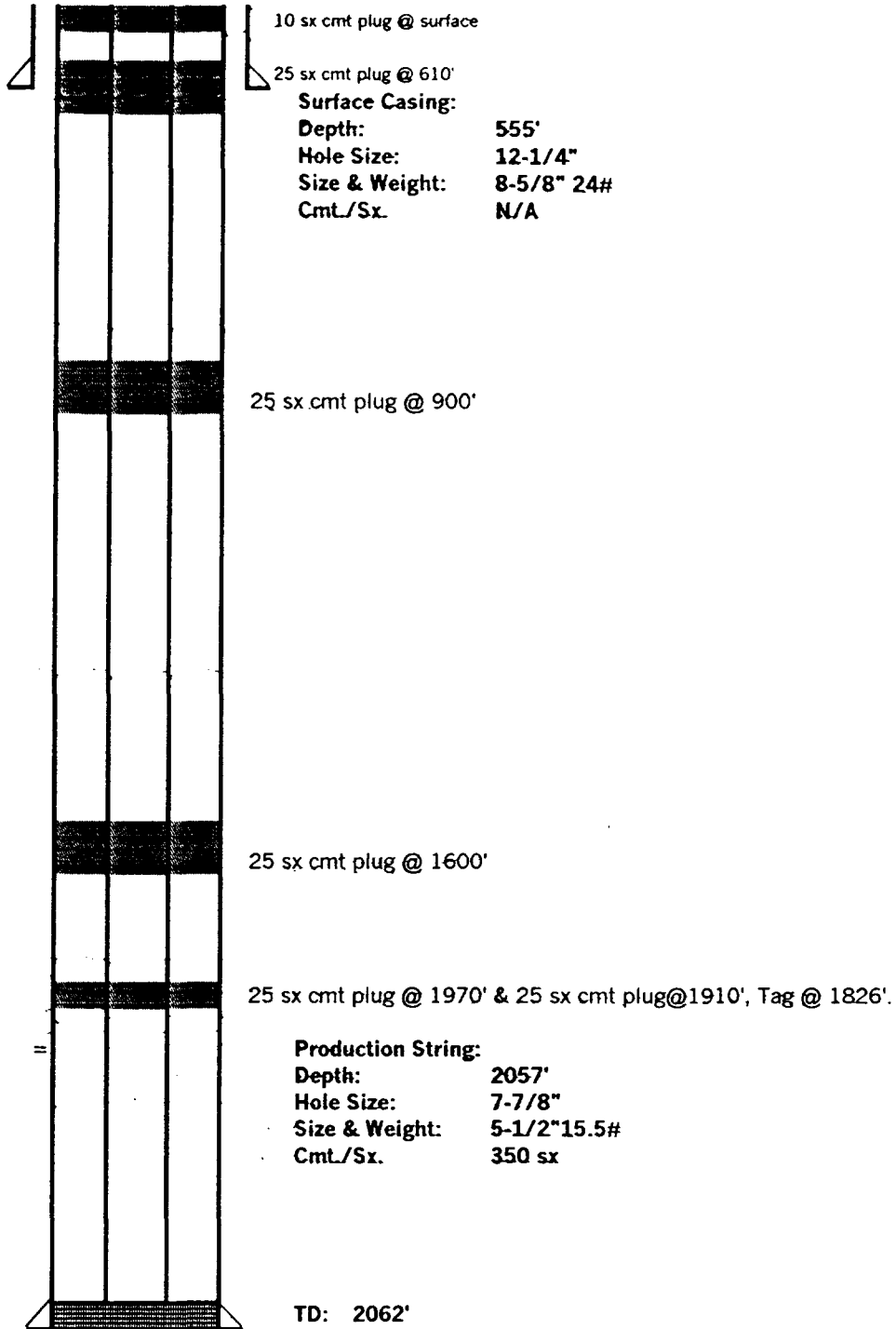
WELL NO: 5

LOCATION: 1650' FSL 1650' FEL Unit: J Section: 27 TWNS: T-17-S Range: R-28-E Eddy Co. NM

API NO. 30-015-01573

POOL: Artesia Queen Grayburg San Andres

DATE P&A: 12/28/92



Date: 8/22/00 aer

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Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

APR 27 1993

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

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

O. C. D.
ARTESIA REPORT

WELL API NO.

5. Indicate Type of Lease

STATE X FEE6. State Oil & Gas Lease No.
B-2071

7. Lease Name or Unit Agreement Name

N.G. Phillips State

8. Well No.

5

9. Pool name or Wildcat

Artesia Queens Grbg SA

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.)

1. Type of Well:

OIL
WELL ☒GAS
WELL ☐OTHER ☐

2. Name of Operator

Marbob Energy Corporation ✓

3. Address of Operator

P.O. Drawer 217, Artesia, NM 88210

4. Well Location

Unit Letter J : 1650 Feet From The South Line and 1650 Feet From The East LineSection 27Township 17-SRange 38-E 28 NMMPMCounty Eddy

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

3654' GL

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐PLUG AND ABANDON ☐TEMPORARILY ABANDON ☐CHANGE PLANS ☐PULL OR ALTER CASING ☐OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ALTERING CASING ☐COMMENCE DRILLING OPNS. ☐PLUG AND ABANDONMENT ☐CASING TEST AND CEMENT JOB ☐OTHER: ☐

12. 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.

- 1) Spot 25 sacks cement plug at 1970' W.O.D. run tubing did not tag plug respot 25 sacks of cement at 1910' W.O.C. tag plug at 1826'.
- 2) Load hole W/mud
- 3) Spot 25 sacks cement plug at 1600'
- 4) Spot 25 sacks cement plug at 900'
- 5) Spot 25 sacks cement plug at 610'
- 6) Spot 10 sacks cement plug at surface

Part IO-2
1-15-93
P & A

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

SIGNATURE

Raymond McVicker

TITLE

Supervisor

DATE

12-28-92

TYPE OR PRINT NAME

TELEPHONE NO.

(This space for State Use)

APPROVED BY

Ray Smith

TITLE

DATE

APR 29 1993

CONDITIONS OF APPROVAL, IF ANY:

P&A wells within 1/2 mile of : Melrose Operating Company, Artesia Unit, C-108 Injection Application of 8/25/00

WELLBORE DIAGRAM

WELL NAME: Empire Abo Unit "D"

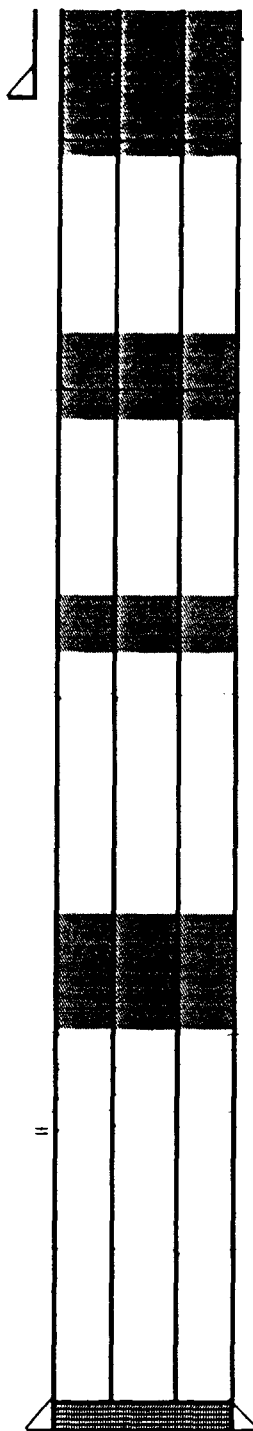
WELL NO: 35

LOCATION: 330' FSL 1980' FEL Unit: O Section: 27 TWNS: T-17-S Range: R-28-E Eddy Co. NM

API NO. 30-015-01590

POOL: Empire Abo

DATE P&A: 8/28/87



Surface Casing:

Depth: 732

Hole Size: 12-1/4"

Size & Weight: 8-5/8" 24#

Cmt./Sx. 400

Production String:

Depth: 6240'

Hole Size: 7-7/8"

Size & Weight: 4-1/2" 9.5#

Cmt./Sx. 900 sx

Date: 8/22/00 aer

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION RECEIVED

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SANTA FE, NEW MEXICO 87501

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LAND OFFICE	☒
OPERATOR	☒

SEP 16 '87

O. C. D.
ARTESIA, OFFICE

10. Indicate Type of Lease	
State ☒	
11. Oil & Gas Lease No.	B-2071

SUNDY 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.

1. ☐ ON WELL ☐ GAS WELL ☐ OTHER- Gas Injection	7. Unit Agreement Name
2. Name of Operator ARCO Oil and Gas Company	8. Farm or Lease Name Empire Abo Unit
3. Address of Operator P.O. Box 1610, Midland, Texas 79702	9. Well No. 35
4. Location of Well 0 330 South 1980 ONLY LETTER FEET FROM THE LINE AND FEET FROM VUE East LINE, SECTION 27 TOWNSHIP 17S RANGE 28E N.M.P.M.	10. Field and Pool, or wild Empire Abo
15. Elevation (Show whether DF, RT, GR, etc.) 3672 GR	12. County Eddy

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

REMEDIAL WORK ☐
COMMENCE DRILLING OPER. ☐
CASING TEST AND CEMENT JOBS ☐

ALTERING CASING ☐
PLUG AND ABANDON ☐

OTHER ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any work) SEE RULE 1708.

8-26-87. RUPU. P&A'd as follows:

Plug	Interval	Cmt	Remarks
1	5550-5900	30 sx	Set CIBP at 5900. Loaded hole w/mud. Spot 30 cmt f/5900-5550.
2	1860-2150	25 sx	Spot
3	1135-1425	25 sx	Spot
4	0-850	75 sx	Spot

Cut off wellhead. Installed dry hole marker.
P&A'd 8-28-87

Post ID-2
9-25-87
P&A

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

SIGNED Kenneth GosnellTITLE Engr. Tech. 915-608-2672DATE 9-14-87APPROVED BY Darrell MooreTITLE GeologistDATE 12/3/87

CONDITIONS OF APPROVAL, IF ANY:

P&A wells within 1/2 mile of : Melrose Operating Company, Artesia Unit, C-108 Injection Application of 8/25/00

WELLBORE DIAGRAM

WELL NAME: N.G. Phillips State

WELL NO: 3

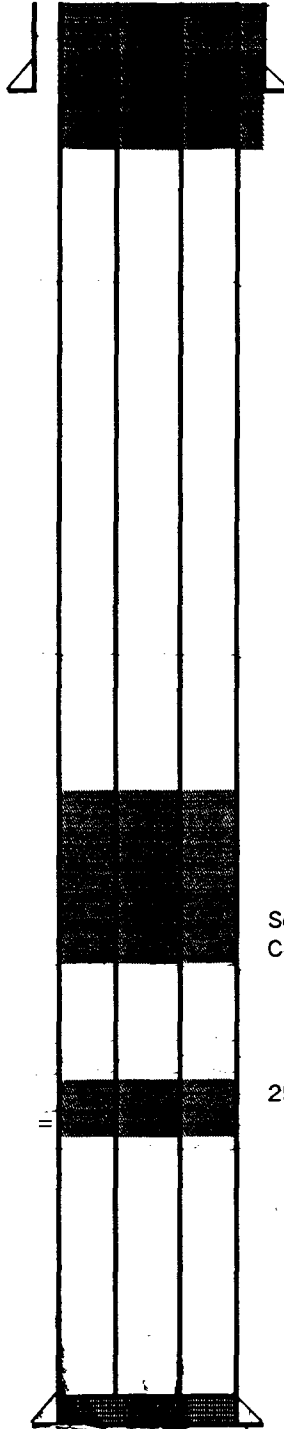
LOCATION: 330' FSL 330' FEL Unit: P Section: 27 TWNS: T-17-S Range: R-28-E Eddy Co. NM

API NO. 30-015-01571

POOL: Artesia Queen Grayburg San Andres

DATE P&A: 1/12/84

Perforated @ 600', squeezed 150 sx to surface.



Surface Casing:

Depth: 500'

Hole Size: 12-1/4"

Size & Weight: 8-5/8" 24#

Cmt./Sx. N/A

Squeezed csg @ 1050' w/150 sx
Cut, shot, tried to pull csg @ 1050'-could not pull.

25 sx cmt plug @ 2100', tagged @ 1875'

Perfs: 2082'-2092'

Form: =====

Production String:

Depth: 2122'

Hole Size: 7-7/8"

Size & Weight: 5-1/2" 15.5#

Cmt./Sx. 135 sx

TD: 2133'

Date: 8/22/00 aer

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OPERATOR	☒

OIL CONSERVATION RECEIVED BY
P. O. BOX 1088
SANTA FE, NEW MEXICO 87501
JAN 30 1984
O. C. D.
ARTESIA, OFFICE

Form C-1
Revised

5a. Indicate Type of Lease
State ☒ ☐ ☐
5. State Oil & Gas Lease No.
B-2071

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO UPLIFT OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE APPLICATION FOR PERMIT TO DRILL (FORM C-101) FOR SUCH PROPOSALS.

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER	7. Unit Agreement Name
2. Name of Operator Marbob Energy Corporation	8. Form or Lease Name NG Phillips St.
3. Address of Operator P.O. Drawer 217, Artesia, N.M. 88210	9. Well No. 3
4. Location of Well UNIT LETTER <u>P</u> <u>330</u> FEET FROM THE <u>South</u> LINE AND <u>330</u> FEET FROM THE <u>East</u> LINE, SECTION <u>27</u> TOWNSHIP <u>17S</u> RANGE <u>28E</u> N.M.P.M.	10. Field and Pool, or Wildcat Artesia Qn Grbg S.
11. Elevation (Show whether DF, RT, GR, etc.) 3666' GR	12. County Eddy

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUS AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPS. ☐	PLUS AND ABANDON ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☐	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any work) SEE RULE 1103.

1/12/84 This well was plugged and abandoned as follows: Set 25 sack plug @ 2100', tagged @ 1875'; cut casing @ 1050', could not pull loose, shot casing again @ 1050', still would not pull loose, squeezed casing @ 1050' w/150 sax, came out of hole, perforated 600', squeezed 150 sax, came out of hole, shut down. Will install dry hole marker after drilling NG Phillips State #36.

Post ID-2
2-3-84
p44

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

SIGNED Carolyn Davis TITLE Production Clerk DATE 1/26/84APPROVED BY Danny Brooks TITLE Geologist DATE 3-9-84

CONDITIONS OF APPROVAL, IF ANY:

P&A wells within 1/2 mile of : Melrose Operating Company, Artesia Unit, C-108 Injection Application of 8/25/00

WELLBORE DIAGRAM

WELL NAME: Amoco State "C"

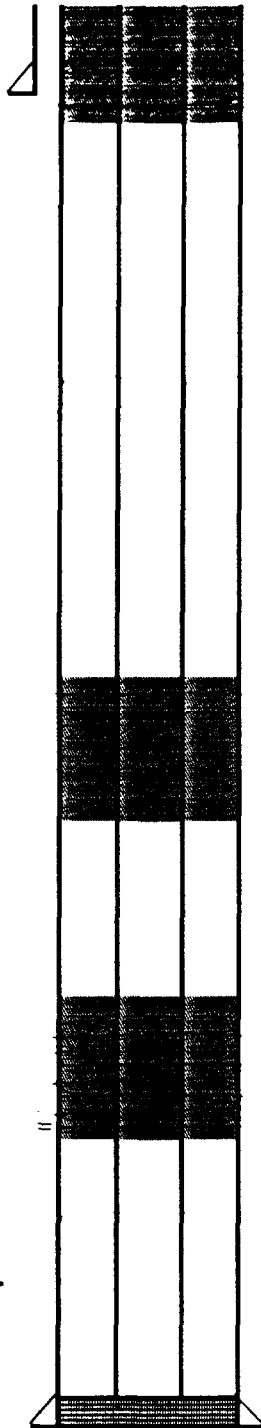
WELL NO: 1

LOCATION: 344' FNL 1650' EEL Unit: B Section: 34 TWNS: T-17-S Range: R-28-E Eddy Co. NM

API NO. 30-015-01701

POOL: Artesia Queen, Grayburg

DATE P&A: 2/18/87



Perfed @ 600', circulated 150 sx cmt to surface

Surface Casing:

Depth: 594'
Hole Size: 12-1/4"
Size & Weight: 8-5/8" 24#
Cmt./Sx. 50 sx

Perfed @ 1400', squeezed w/75 sx, tagged @ 1000'

Set 50 sx plug @ 2130', tagged @ 1781'

Perfs: 2064'-2074'
Form: *****

Production String:

Depth: 2180'
Hole Size: 7-7/8"
Size & Weight: 5-1/2" 15.5#
Cmt./Sx. 100 sx

TD: 2208'

Date: 8/22/00 aer

ENERGY AND MINERALS DEPARTMENT

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LAND OFFICE	
OPERATOR	

OIL CONSERVATION DIVISION

P. O. BOX 2086

SANTA FE, NEW MEXICO 87501

FEB 20 1987

O. C. D.

ARTESIA, OFFICE

30. Indicate Type of Loc

State ☒

31. State Oil & Gas Loc

E-7116

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.

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER	7. Unit Agreement No.
2. Name of Operator Marbob Energy Corporation	8. Farm or Lease Name Amoco St. C
3. Address of Operator P.O. Drawer 217, Artesia, N.M. 88210	9. Well No. 1
4. Location of Well UNIT LETTER <u>B</u> <u>344</u> FEET FROM THE <u>North</u> LINE AND <u>1650</u> FEET FROM THE <u>East</u> LINE, SECTION <u>34</u> TOWNSHIP <u>17S</u> RANGE <u>28E</u> NMPM.	10. Field and Pool, or Artesia On Gr
15. Elevation (Show whether DF, RT, GR, etc.) 3683.4' GR	12. County Eddy

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐
 TEMPORARILY ABANDON ☐
 PULL OR ALTER CASING ☐

PLUG AND ABANDON ☐
 CHANGE PLANE ☐

REMEDIAL WORK ☐
 COMMENCE DRILLING OPERA. ☐
 CASING TEST AND CEMENT JOBS ☐

ALTERING CASING ☐
 PLUG AND ABANDON ☐

OTHER ☐OTHER ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting work) SEE RULE 1508.

Plugged & abandoned as follows: SET a 50 sack plug @ 2129.72', tagged @ 1781', perforated 2 holes @ 1400', squeezed w/75 sax; tagged @ 1000'; perforated 2 holes @ 600', circulated 150 sax cement to surface; installed dry hole marker.

Post ID-2
 2-37-87
 P4A

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

SIGNED

Carolyn Macella

TITLE

Production Clerk

DATE

2-16

APPROVED BY

Monet Stillfield

TITLE

OIL AND GAS INSPECTOR

DATE

JAN 10

CONDITIONS OF APPROVAL, IF ANY:

P&A wells within 1/2 mile of : Melrose Operating Company, Artesia Unit, C-108 Injection Application of 8/25/00

WELLBORE DIAGRAM

WELL NAME: Empire Abo Unit "G"

WELL NO: 36

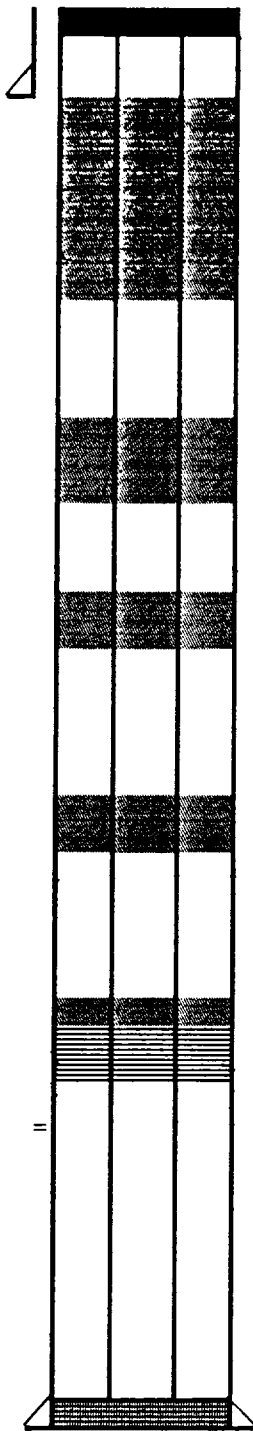
LOCATION: 2310' FSL 990' FEL Unit: I Section: 34 TWNS: T-17-S Range: R-28-E Eddy Co. NM

API NO. 30-015-01706

DATE P&A: 12/9/88

DATE DRILLED: 5/2/60

POOL: Empire Abo



0.250' - 25 sx plug

Surface Casing:

Depth: 739'

Hole Size: 12-1/4"

Size & Weight: 8-5/8" 24#

Cmt./Sx. 250

620-1793' - 120 sx plug

1793-1900' · 140 sx plug

2175-2300' - perf @ 230'/50 sx; CR @ 2199' w/5 sx-top

3733-3650' spot 25 sx plug

Set CIBP @ 6150', spot 45 sx cmt on top-5800'

Perfs: 6196'-6216'

Form: Abo

Production String:

Depth: 6459'

Hole Size: 7-7/8"

Size & Weight: 5-1/2"

Cmt./Sx. **450**

TD: 6459'

Date: 8/22/00 aer

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

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

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

JAN 23 89

O. C. D.
ARTESIA OFFICE

WELL API NO.
30-015-01706

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
647

7. Lease Name or Unit Agreement Name

Empire Abo Unit "G"

8. Well No.
36

9. Pool name or Wildcat
Empire Abo

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.)

1. Type of Well:
OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. Name of Operator
ARCO OIL AND GAS COMPANY

3. Address of Operator
P. O. Box 1610, Midland, Texas 79702

4. Well Location
Unit Letter I : 2310 Feet From The South Line and 990 Feet From The East Line

Section 34 Township 17S Range 28E NMPM Eddy County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
3664

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☒

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

12. 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.

RU PU 12-5-88. P&A'd as follows:

Plug	Interval	Cmt	Remarks
1	5800-6150	45 sx	Set CIBP at 6150. Spot 45 sx cmt on top.
2	3733-3650	25 sx	Spot balanced plug.
3	2175-2300	50 sx	Perf at 2300. CR at 2199 w/5 sx on top. Water flow out 5-1/2 csg. shut off.
4	1793-1900	140 sx	Perf at 1900. CR at 1793.
5	620-1793	120 sx	Spot
6	0- 250	25 sx	Spot

cut off wellhead & installed dry hole marker. P&A'd 12-9-88.

Post I-0-2
1-27-89
P&A

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

SIGNATURE Ken W. Gosnell TITLE Engr. Tech. DATE 1-20-89

TYPE OR PRINT NAME Ken W. Gosnell 915/688-5672 TELEPHONE NO.

(This space for State Use)

APPROVED BY Daniel Moore TITLE Goldsmith DATE 6/13/89

CONDITIONS OF APPROVAL, IF ANY:

Arco
Empire Abo Unit #35
970 FSL & 2274 FEL
Section 34-17s-28e
Eddy County, New Mexico
Ground Elevation:
Total Depth: 6,299 feet
API #30-015-01703
Date Drilled: 4/3/60
Date Plugged: 5/11/90

Plug #1	5720-6114	40 sx
CIBP	6114	

Casing: 5 1/2"
Hole Size:
Depth: 6289'
Cement: 200 sx

Submit 3 Copies
to Appropriate
District Office

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

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

01703 Form C-103
Revised 1-1-89

WELL API NO.
35-015-01715

1. Indicate Type of Lease ☒ STATE ☐ FEE ☐

6. State Oil & Gas Lease No. B11538-1

7. Lease Name or Operator Name
Empire Abo

8. Well No. O.C. 35

9. Pool name or PMA OFFICE
Empire Abo

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

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.)

1. Type of Well:
OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. Name of Operator
ARCO OIL AND GAS COMPANY

3. Address of Operator
P. O. Box 1610, Midland, Texas 79702

4. Well Location
Unit Letter O : 969.94 Feet From The South Line and 2274.16 Feet From The East Line
Section 34 Township 17S Range 28E NMDM Eddy County

11. 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 ☐ CASING TEST AND CEMENT JOB ☐

OTHER: ☐ OTHER: ☐

12. 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.

5-9-90. RU PU. P&A as follows:

Plug	Interval	Cmt.	Remarks
1	5720-6114	40 sx	Set CIBP at 6114. Press test csg to 500#. Ran C f/5000-4400. Spotted 40 sx on top of CIBP.
2	4765-5011	25 sx	Spot
3	3700-3946	25 sx	Perf at 3820. Unable to pump into. Spot 25 sx Cmt.
4	2237-2469	25 sx	Perf at 2360. Unable to pump into. Spot 25 sx Cmt.
5	1392-1530	60 sx	Perf at 1530. Set CR at 1434. Sqz'd w/60 sx. Dmpd. 42' cmt on CR.
6	Surf- 856	730 sx	Perf at 856. Cmt csg inside & outside to Surf.

5-11-90. P&A'd. Installed Dry Hole marker.

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

SIGNATURE Ken W. Gosnell TITLE Engr. Tech. DATE 12-26-90

TYPE OR PRINT NAME Ken W. Gosnell 915/688-5672 TELEPHONE NO.

(This space for State Use)

APPROVED BY Johnny Robinson TITLE OIL AND GAS INSPECTOR DATE 4-22-91

CONDITIONS OF APPROVAL, IF ANY

OK Gw

WELLBORE SCHEMATIC

Phillips
Carper-Levers #3
330 FSL & 1650 FWL
Section 34-17s-28e
Eddy County, New Mexico
Ground Elevation:
Total Depth: 2,633 feet
API #30-015-01722
Date Drilled: 7/14/53
Date Plugged: 3/5/59

Casing: 8 5/8"
Hole Size:
Depth: 702'
Cement: 50 sx

Plug #5 Surface 5 sx

Plug #4 440' 15 sx

Casing: 7"
Hole Size:
Depth: 2400'
Cement:

Plug #3 1450' 15 sx

Knocked off pipe @ 2005'

Plug #2 2005' 15 sx

Shot Lane Wells Plug @ 2312
Swabbed dry, no fluid entry.

Plug #1 TD - 2312 25 sx

TD: 2633'



**NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS**

(Submit to appropriate District Office as per Commission Rule 1106)

Form C-103

(Revised 3-55)

1953

COMPANY N. Gordon Phillips
(Address)

30-015-01722

EASE Carper Levee WELL NO. 3 UNIT N S 34 T 17 R 28
DATE WORK PERFORMED March 5, 1959 POOL Artesia

This is a Report of: (Check appropriate block)

☐ Results of Test of Casing Shut-off

☐ Beginning Drilling Operations ☐ Remedial Work

☒ Plugging ☐ Other

Detailed account of work done, nature and quantity of materials used and results obtained.

February 27, and 28, March 1, -Swabbed 244 Bbls, water 134 Bbls. Oil

March 2, -Shot Lane Wells Plug at 2312, Swabbed and baled dry - no fluid.

March 3, 4, & 5-Plugged well

Spotted 25 sack cement plug on bottom-2312'- Knocked off pipe at 2,005.70'-Set 15 sack cement plug in and out of pipe-Pumped mud in hole to 1450'-Set 15 sack cement plug-Filled hole to 440' with mud-Set 15 sack cement plug-Mudded to top- Set 5 sack cement plug and marker.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. TD PBD Prod. Int. Compl Date
Tbng. Dia Tbng Depth Oil String Dia Oil String Depth
Perf Interval (s)
Open Hole Interval Producing Formation (s)

RESULTS OF WORKOVER:

	BEFORE	AFTER
Date of Test		
Oil Production, bbls. per day		
Gas Production, Mcf per day		
Water Production, bbls. per day		
Gas-Oil Ratio, cu. ft. per bbl.		
Gas Well Potential, Mcf per day		

Witnessed by

(Company)

OIL CONSERVATION COMMISSION

Name W. A. Gussert
Title OIL AND GAS INSPECTOR
Date JUN 19 1959

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

Name James C. Baker
Position Agent
Company N. Gordon Phillips, Box 638
Artesia, New Mexico

P&A wells within 1/2 mile of : Melrose Operating Company, Artesia Unit, C-108 Injection Application of 8/25/00

WELLBORE DIAGRAM

WELL NAME: Empire Abo Unit "E"

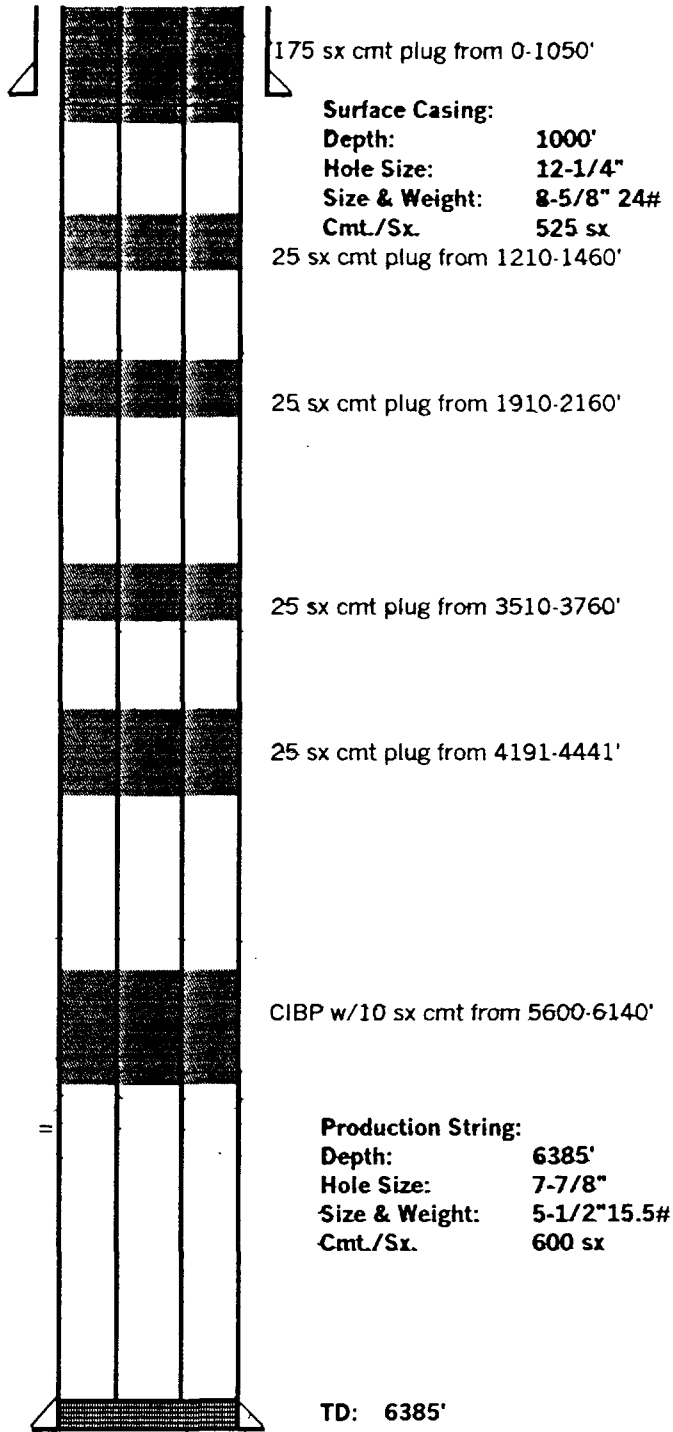
WELL NO: 381

LOCATION: 1155' FNL 2475' FWL Unit: C Section: 35 TWNS: T-17-S Range: R-28-E Eddy Co. NM

API NO. 30-015-21536

POOL: Empire Abo

DATE P&A: 7/10/92



Date: 8/22/00 aer

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-88

Submit 3 Copies
to Appropriate
District Office

DISTRICT I

P.O. Box 1986, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Grande Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2068

Santa Fe, New Mexico 87504-2008

AUG 31 1992

O. C. D.
NOTES OFFICE

WELL API NO.

30-015-21536

5. Indicate Type of Lease

STATE ☒

6. State Oil & Gas Lease No.

647

7. Lease Name or Unit Agreement No.

Empire Abo Unit "E"

8. Well No.

381

9. Pool Name or Wildcat

Empire Abo

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS)

1. Type of Well:

OIL

WELL ☒

GAS

WELL ☐

other

2. Name of Operator

ARCO OIL and GAS COMPANY

3. Address of Operator

P.O. Box 1610, Midland, Texas 79702

4. Well Location

Unit Letter C : 2475 Feet From The West Line and 1155 Feet from The NorthSection 35Township 17SRange 28ENMPM Eddy

Cou

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

3683.8 GR

11.

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

NOTICE OF INTENTION TO:PERFORM REMEDIAL WORK ☐PLUG AND ABANDON ☐TEMPORARILY ABANDON ☐CHANGE PLANS ☐PULL OR ALTER CASING ☐(Other) ☐**SUBSEQUENT REPORT OF:**REMEDIAL WORK ☐ALTERING CASING ☐COMMENCE DRILLING OPNS. ☐PLUG AND ABANDONMENT ☐CASING TEST AND CEMENT JOB ☐(Other) ☐

12. Describe Proposed or completed Operation (Clearly state all pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

7-8-92. RUPU. POH w/CA. Plug & Abandoned as follows:

Plug	Interval	Cmt	Remarks
1	5600-6140	10 sx	CTBP & cmt. Displaced hole w/10# MLF.
2	4191-4441	25 sx	Spot
3	3510-3760	25 sx	Spot
4	1910-2160	25 sx	Spot
5	1210-1460	25 sx	Spot
6	0-1050	175 sx	Spot

Part ID-2
9-4-92
PFA

Cut off csg. Installed Dry Hole marker. P&A'd 7-10-92.

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

SIGNATURE

Ken W. Gosnell

TITLE

Regulatory Coordinator

DATE

8-27-92

TYPE OR PRINT NAME

Ken W. Gosnell

TELEPHONE

(915) 688-5672

(This space for State Use)

APPROVED BY

Johnny Robinson

TITLE

DISTRICT INSPECTOR

DATE

9-1

CONDITIONS FOR APPROVAL, IF ANY

P&A wells within 1/2 mile of : Melrose Operating Company, Artesia Unit, C-108 Injection Application of 8/25/00

WELLBORE DIAGRAM

WELL NAME: Empire Abo Unit "E"

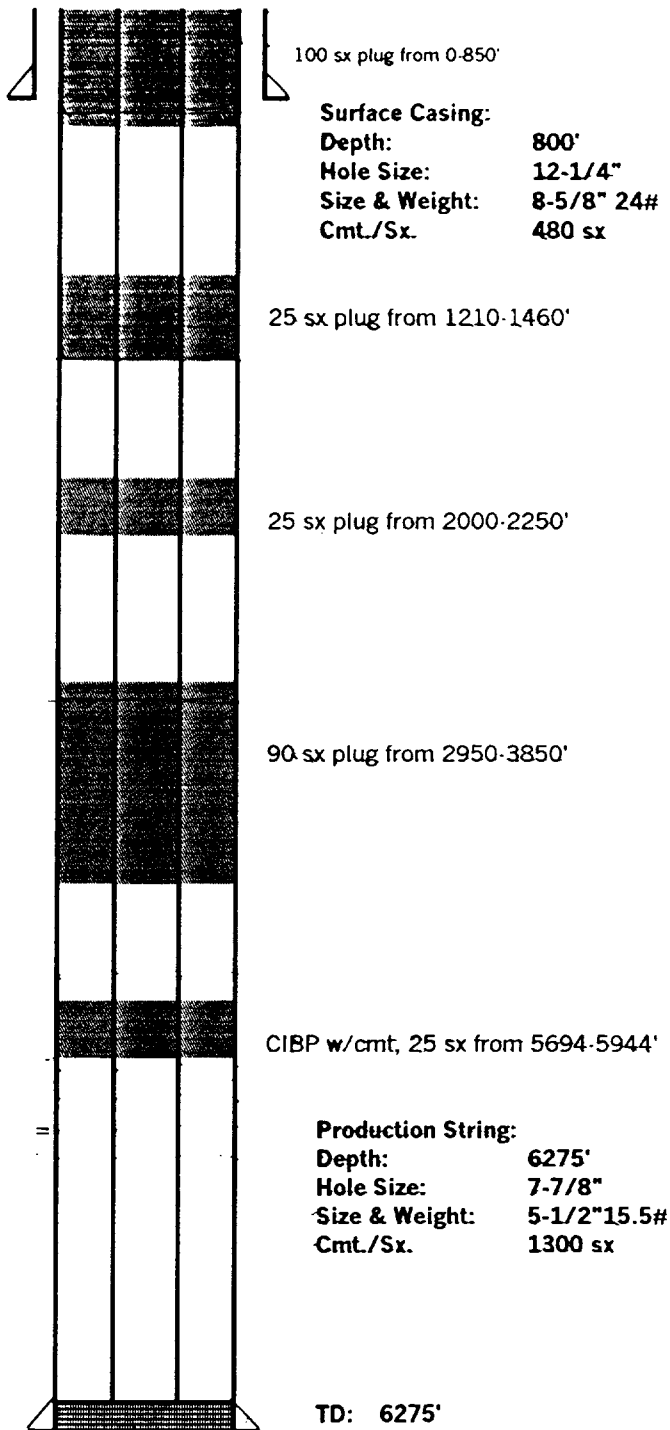
WELL NO: 373

LOCATION: 150' FNL 15' FWL Unit: D Section: 35 TWNS: T-17-S Range: R-28-E Eddy Co. NM

API NO. 30-015-22462

POOL: Empire Abo

DATE P&A: 7/8/92



Date: 8/22/00 aer

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-80

Submit 3 Copies
to Appropriate
District Office

OIL CONSERVATION DIVISION

DISTRICT I
P.O. Box 1986, Hobbs, NM 88240

P.O. Box 2088

Santa Fe, New Mexico 87504-2008

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Bravo Rd., Aztec, NM 87410

AUG 31 1992

O. C. D.
LATEX OFFICE

WELL API NO.

30-015-22462

5. Indicate Type of Lease

STATE ☒ FEL

6. State Oil & Gas Lease No.

B-11593

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS)

7. Lease Name or Unit Agreement Name

Empire Abo Unit "E"

1. Type of Well:

OIL
WELL ☒GAS
WELL ☐

other

2. Name of Operator

ARCO OIL and GAS COMPANY

8. Well No.

373

3. Address of Operator

P.O. Box 1610, Midland, Texas 79702

9. Pool Name or Wildcat

Empire Abo

4. Well Location

Unit Letter D : 150 Feet From The North Line and 15 Feet from The WestSection 35Township 17SRange 38E28 NMPM

Eddy

County

10. Elevation (Show whether OF, RKB, RT, GR, etc.)

3670.4 GR

11.

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐PLUG AND ABANDON ☐TEMPORARILY ABANDON ☐CHANGE PLANS ☐PULL OR ALTER CASING ☐(Other) ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ALTERING CASING ☐COMMENCE DRILLING OPNS. ☐PLUG AND ABANDONMENT ☐CASING TEST AND CEMENT JOB ☐(Other) ☐

12. Describe Proposed or completed Operation (Clearly state all pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

7-8-92. RUPU. POH w/CA. Plug & Abandon as follows:

Plug	Interval	Cmt	Remarks
1	5694-5944	25 sx	CTBP w/cmt. Displace hole w/10# MLF.
2	2950-3850	90 sx	
3	2000-2250	25 sx	
4	1210-1460	25 sx	
5	0-850	100 sx	

Post ID-2
9-4-92
P&A

CO csg & installed Dry hole marker. P&A'd 7-8-92.

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

SIGNATURE

Ken W. Gosnell

TITLE

Regulatory Coordinator

DATE

8-27-92

TYPE OR PRINT NAME

Ken W. Gosnell

TELEPHONE

(915) 688-5672

(This space for State Use)

WELLBORE DIAGRAM

WELL NAME: Empire Abo Unit "F"

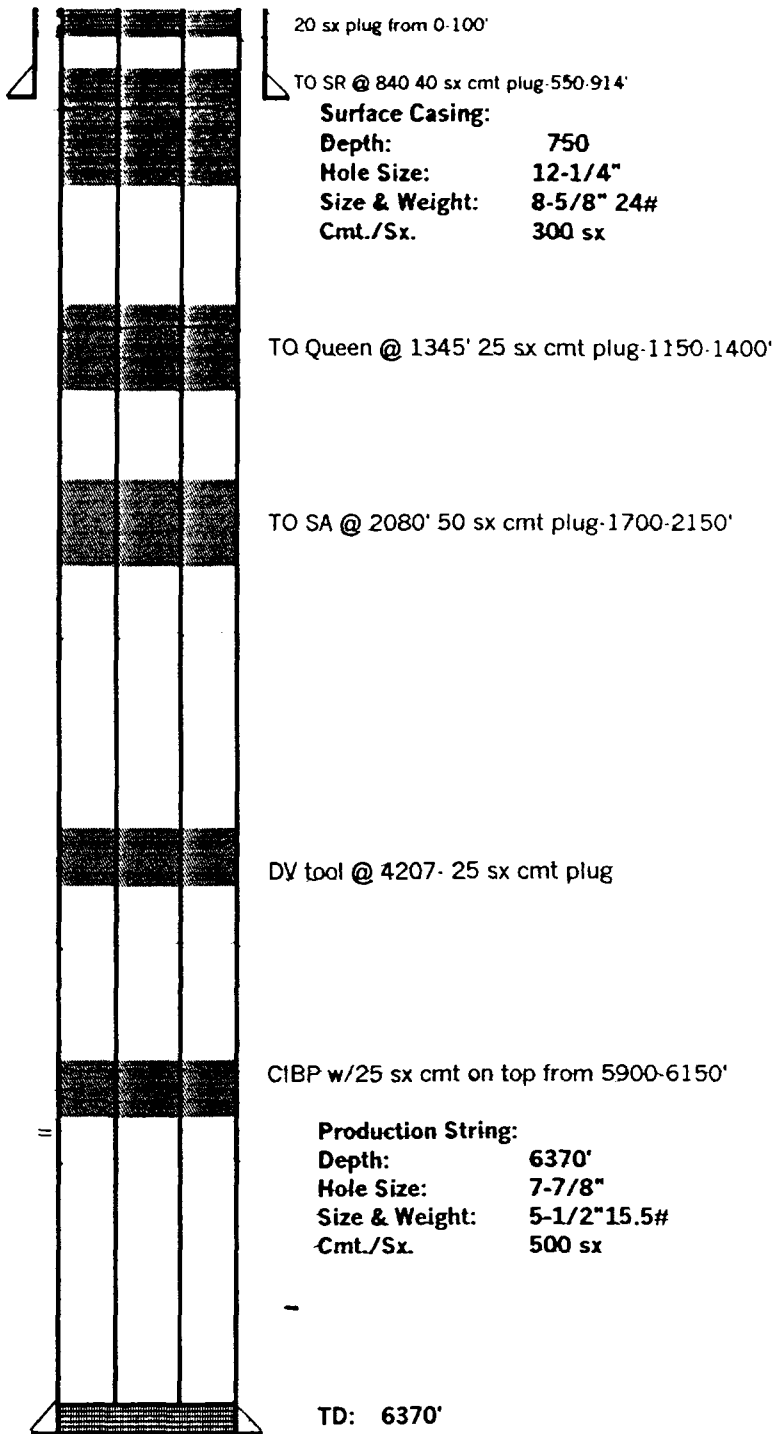
WELL NO: 372

LOCATION: 2490' FNL 1100' FWL Unit: E Section: 35 TWNS: T-17-S Range: R-28-E Eddy Co. NM

API NO. 30-015-22137

POOL: Empire Abo Unit

DATE P&A: 12/8/89



Date: 8/22/00 aer

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to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088 RECEIVED
Santa Fe, New Mexico 87504-2088

APR 5 '90

WELL API NO.
30-015-22137

5. Indicate Type of Lease
STATE ☒ FEE

6. State Oil & Gas Lease No.
B-11593-8

SUNDRY NOTICES AND REPORTS ON WELLS C. C. D.
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK OR TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name

Empire Abo Unit "F"

1. Type of Well:

OIL
WELL ☒

GAS
WELL ☐

OTHER

2. Name of Operator

ARCO OIL AND GAS COMPANY ✓

8. Well No. 372

3. Address of Operator

P. O. Box 1610, Midland, Texas 79702

9. Pool Name or Wildcat
Empire Abo Unit

4. Well Location

Unit Letter E : 2490 Feet From The North Line and 1100 Feet From The West

Section 35

Township 17S

Range 28E

NMPM Eddy

County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

11.

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

12. 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.

12-6-89 RUPU. P&A'd as follows:

Plug	Interval	Cmt	Remarks
1	5900-6150	25 sx	CIBP w/25 sx on top
2	4000-4252	25 sx	DV tool at 4207
3	1700-2150	50 sx	TO SA @ 2080
4	1150-1400	25 sx	TO Queen @ 1345
5	550-914	40 sx	TO SR @ 840
6	0-100	20 sx	

Installed dry hole marker. P&A'd 12-8-89.

Part I
4-20
pg 1

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

SIGNATURE Ken W. Gosnell

TITLE Engr. Tech.

DATE 4/2/90

TYPE OR PRINT NAME Ken W. Gosnell

915/688-5672

TELEPHONE NO.

(This space for State Use)

APPROVED BY

David Moore

TITLE

Dist. Geol.

DATE

6/4/90

CONDITIONS OF APPROVAL, IF ANY:

P&A wells within 1/2 mile of : Melrose Operating Company, Artesia Unit, C-108 Injection Application of 8/25/00

WELLBORE DIAGRAM

WELL NAME: Artesia Unit

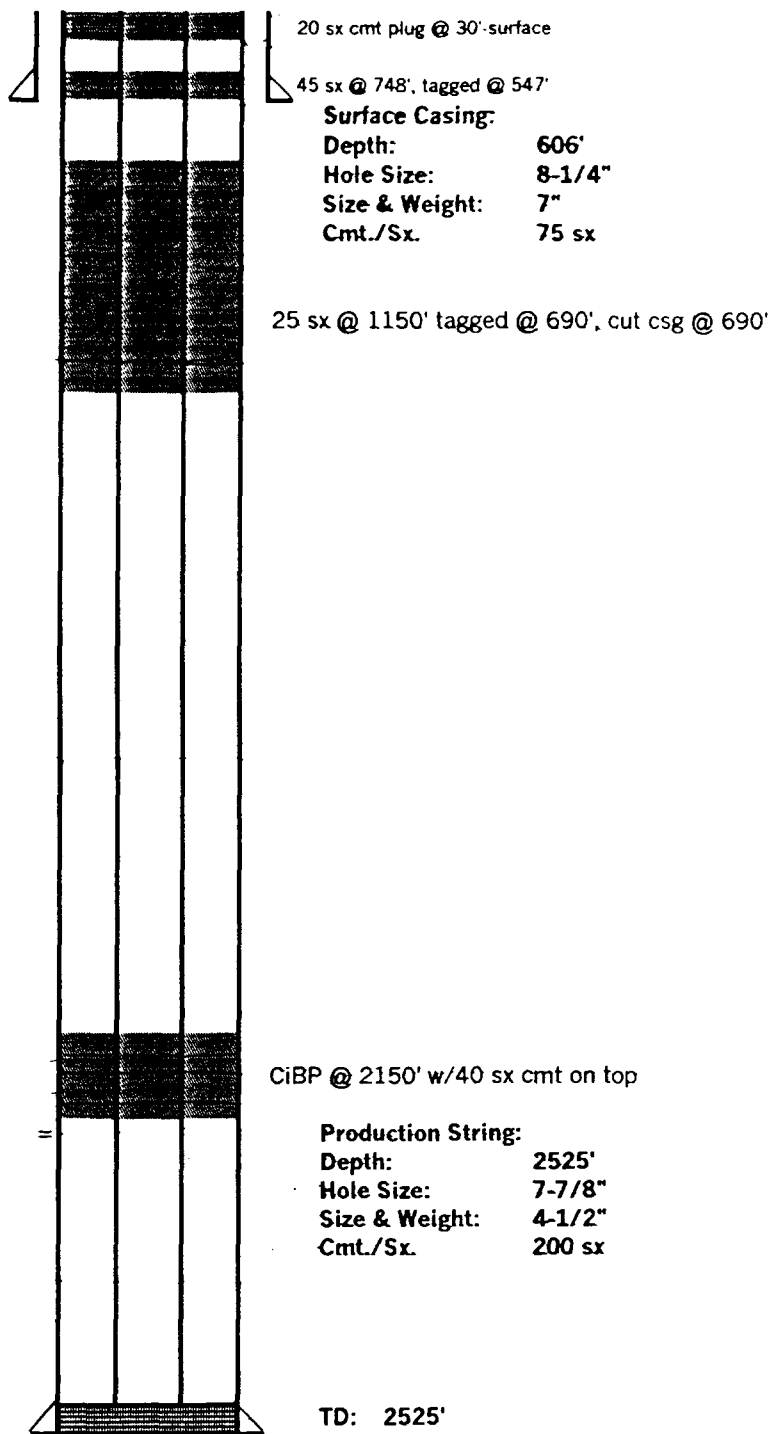
WELL NO: 20

LOCATION: 2310' FSL 330' FEL Unit: I Section: 35 TWNS: T-17-S Range: R-28-E Eddy Co. NM

API NO. 30-015-02126

POOL: Artesia

DATE P&A: 6/22/00



Date: 8/22/00 aer

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO. 30-015-02126
Indicate Type of Lease STATE ☒ FEE ☐
State Oil & Gas Lease No.
Lease Name or Unit Agreement Name Artesia Unit
Well No. 20
Pool name or Wildcat Artesia QN-GB-SA

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.)	
Type of Well: OIL WELL ☐ GAS WELL ☐ OTHER WIW ☐	
Name of Operator Melrose Operating Co.	
Address of Operator PO Box 5061, Midland, TX 79704	
Well Location Unit Letter <u>I</u> : <u>2310</u> Feet From The <u>South</u> Line and <u>330</u> Feet From The <u>East</u> Line Section <u>35</u> Township <u>17S</u> Range <u>28E</u> NMPM <u>Eddy</u> County	
Elevation (Show whether DF, RKB, RT, GR, etc.)	

11

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☒
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

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.

6/21/00 -

Notify OCD. Move equip to location. MI & RU. ND wellhead. NUBOP. Unset pkr. POH. RIH & set CIBP @ 2150' RIH w/tbg. Load hole w/10# mud. Spot 40 sx @ 2150'. POH to 1150' & spot 25 sx. POH. Close in well.

6/22/00 -

RIH & tag @ 690'. POH. Weld on pull nipple. Cut csg @ 690'. POH w/19 jts. RIH & spot 45 sx @ 748'. POH. WOC. RIH & tag @ 547'. POH & spot 20 sx @ 30' to surf. RD. Cut off wellhead. Level pit & cellar.

Install dry hole marker.

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

SIGNATURE

Bonnie Atwater

TITLE Regulatory Tech.

DATE 07-20-00

TYPE OR PRINT NAME Bonnie Atwater

TELEPHONE NO. 915/685-1761

(This space for State Use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY

WELLBORE DIAGRAM

WELL NAME: Artesia Unit

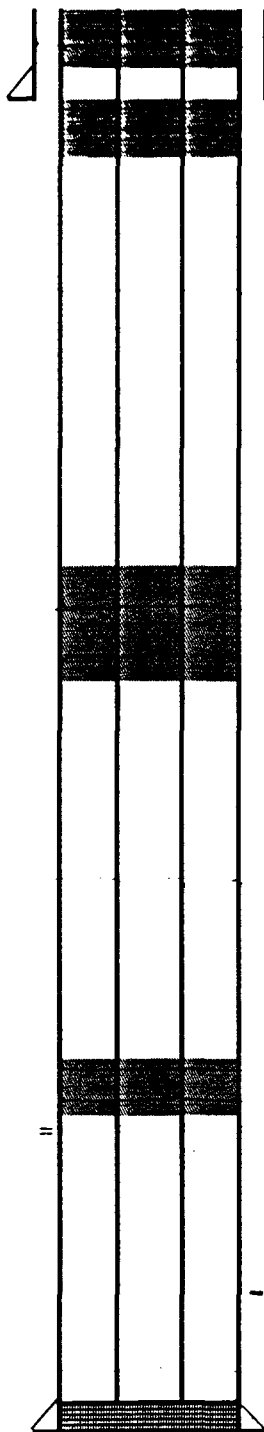
WELL NO: 30

LOCATION: 990' FSL 2310' FEL Unit: O Section: 35 TWNS: T-17-S Range: R-28-E Eddy Co. NM

API NO. 30-015-01743

POOL: Artesia

DATE P&A: 4/18/75



30 sx cmt plug from 240-300', 7 cu yds ready mix cmt bridge, filled hole w/ready mix to surface.

30 sx cmt from 386-500', Cut of 8 5/8" @ 285' & pulled

Surface Casing:

Depth: 546'

Hole Size: 12-1/4"

Size & Weight: 8-5/8" 24#

Cmt./Sx. 100 sx

50 sx cmt plug from 1090-1500'

Cut 4 1/2" csg @ 1196' & pulled

CIBP @ 2440' w/40' cmt on top

Perfs: 2470'-2512'

Form:

Production String:

Depth: 2494'

Hole Size: 7-7/8"

Size & Weight: 4-1/2" 9.5#

Cmt./Sx. 100 sx

TD: 2535'

Date: 8/22/00 aer

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DISTRIBUTION		
SALE		
FILE		
U.S.		
TO OFFICE		
OPERATOR	1	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

MAY 5 1975

5a. Indicate Type of Lease	
State ☒	Fed ☐
5. State Oil & Gas Lease No.	

SUNDRY NOTICES AND REPORTS ON WELLS

1. OIL WELL ☐ GAS WELL ☐ OTHER - Injection		7. Unit Agreement Name
2. Name of Operator DEECO, Inc.		8. Name of Lease Unit Artesia Unit
3. Address of Operator 800 Central, Odessa, Texas 79761		9. Well No. 30
4. Location of Well UNIT LETTER 0 2310 FEET FROM THE East LINE AND 990 FEET FROM South LINE, SECTION 35 TOWNSHIP 17S RANGE 28E N.M.P.M.		10. Field and Pool, or Well Unit Artesia
11. Elevation (Show whether DF, RT, GR, etc.) 3662 Gr.		12. County Eddy

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 ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☐	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

4-16-75 Set cast iron bridge plug at 2440' w/40' cement plug on top.
Cut 4 1/2" casing at 1196 and pulled.
4-17-75 Set 50 sx. cement plug 1500-1090, 30 sxs. 500-386. Cut off 8 5/8" casing at 285' and pulled. Set 30 sx. cement plug 300-240.
4-18-75 Put in 7 cubic yards ready-mix cement in well and made bridge.
Filled hole with ready-mix and set dry hole marker.

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

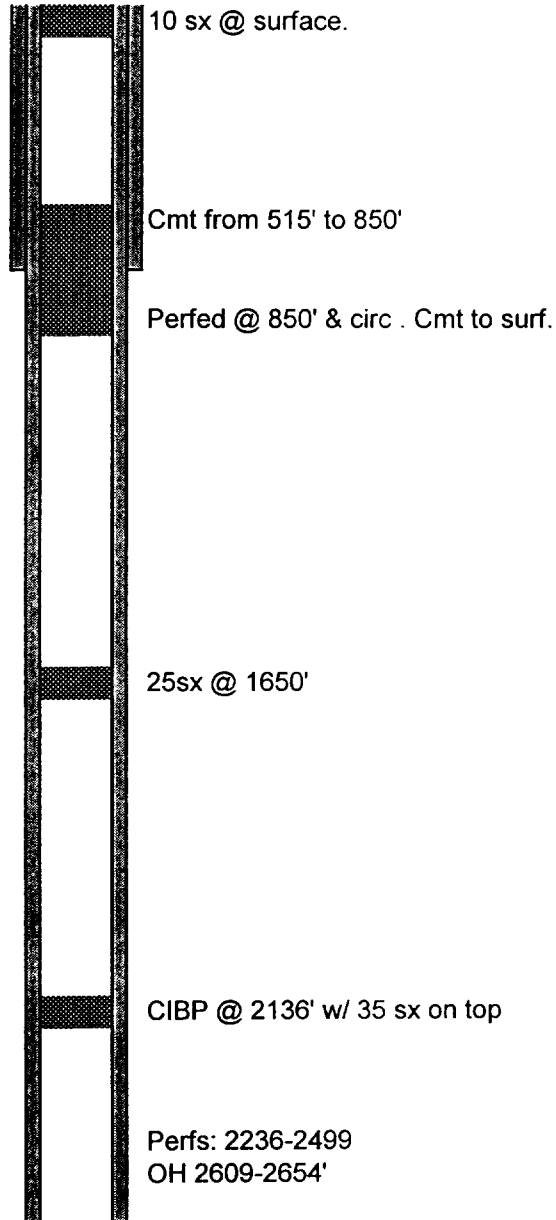
D. R. Mason TITLE Chief Clerk DATE 4-30-75

PROVED BY [Signature] TITLE OIL AND GAS INSPECTOR DATE MAY 14 1975
CONDITIONS OF APPROVAL, IF ANY:

WELLBORE SCHEMATIC

SDX Resources
Artesia Unit #16
1980 FNL & 660 FWL
Section 36-17s-28e
Eddy County, New Mexico
Ground Elevation: 3674
Total Depth: 2654 feet
API #30-015-01759
Date Drilled: 2/25/57
Status: P&A

Casing: 7"
Hole Size:
Depth: 605'
Cement: 75 sx



Casing: 4 1/2"
Hole Size: 6 1/4"
Depth: 2609'
Cement: 200 sx

TD: 2654'

State of New Mexico
Energy, Minerals and Natural Resources Department

Form 1-103
Revised 1-1-89

DISTRICT I
P.O. Box 1950, Hobbs, NM 88240

OIL CONSERVATION DIVISION

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

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO
30-015-01759

3. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
647

7. Lease Name or Unit Agreement Name

Artesia Unit

8. Well No.

16

9. Pool name or Wildcat

Artesia-QN-GR-SA

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 G-101) FOR SUCH PROPOSALS.)

Type of Well:

OIL

WELL ☒

GAS

WELL ☐

OTHER

Name of Operator

EDX RESOURCES, INC.

Address of Operator

P. O. BOX 5061

MIDLAND, TX 79704

Well Location

Unit Letter E 1980 Feet From The North Line and 660 Feet From The West Line

Section 36

Township 17S

Range 28E

NMPM

Eddy

County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

GR 3674'

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 ☐		CASING TEST AND CEMENT JOB ☐	
OTHER: ☐		OTHER: ☐	

12. 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.

5/19/95

RU Mayo Marrs unit & TOH w/Johnson 101 4-1/2" packer. Laid down 71 jts 2-3/8" PC tubing (2164'). Set CIBP @ 2136' & circulated hole w/mud laden fluid. Spotted 35' plug on top of CIBP. Spotted 25 sx plug @ 1650'. Perforate casing @ 850'. Set packer @ 300' & squeezed w/75 sxs. Circulate cement to surface. Released packer & TOH. Tagged plug @ 515'. Set 10 sx surface plug. Installed dry hole marker. P&A

RECEIVED

JUN 2 1995

OIL CON. DIV.
DIST. 2

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

SIGNATURE

TITLE

VICE PRESIDENT

DATE

6/01/95

TYPE OR PRINT NAME

JOHN POOL

TELEPHONE NO. (915) 685-17

(This space for State Use)

APPROVED BY

Mr. Stille

TITLE

Field Rep. II

DATE

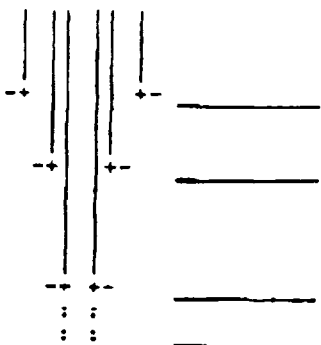
8/12/2000

CONDITIONS OF APPROVAL IF ANY:

PX

WELL DATA SHEET

01759



WELL NAME Artesia Unit #16 FILE # 001300-16
 LSE NAME Artesia Unit LSE. # State 647
 LOC. E 36-17s-28e, 1980 fml 660fwl
 GL _____ DF _____ KB 3682
 API# _____ STATUS I
 FIELD Artesia

OIL PUR. _____ GAS _____

DRILL AND COMPLETE

ORIG. OP. Western Yates
 SPUD DATE 2-19-57 COMP. DATE 2-25-57
 TD 2654 PRTD _____

TOPS: Q 1680, GB 2080, SA 2500

CASING	HOLE SIZE	CASING	WT. GRADE	DEPTH SET	SKS	TOC
	9 3/4	7	17	605	75	
	6 1/4	4 1/2	9.5	2609	200	

COMPLETION

PERFS Open Hole 2609-54 10,000gal 20,000#sand ZONE
 TREATMENT 28 holes 2492-99 10,000gal 20,000#sand, 32 holes 2455-63 26,000gal
40,000#sand, 28 holes 2236-43 11,500gal 20,000#sand
 BOPD 65 BHPD _____ MCFPD _____ BHP _____

PERFS B.P. set between intervals ZONE _____
 TREATMENT _____

BOPD _____ BHPD _____ MCFPD _____ BHP _____

REMEDIAL WORK AND WORKOVER

DATE 2-26-68 WORK Set bridge plug @ 2550- ran plastic coated tubing
with packer set at 2406. Started water injection.

RESULTS _____

DATE 2-8-71 WORK Back flow test - well was not taking water

RESULTS _____

WELL INVENTORY: 6-1-71

TUBING 2 3/8 71 jts 2164.93' J55 @ _____

RODS _____

PUMP _____ @ _____

PACKER 4.5 Johnson 101 S 2164.93' SN _____

ANCHOR _____

PUMPING UNIT _____ ID# _____

MOTOR _____ ID# _____

WELLHEAD Hinderliter METER # Brooks/Taylor choke

REMARKS: _____

WELLBORE DIAGRAM

WELL NAME: Delhi Taylor State

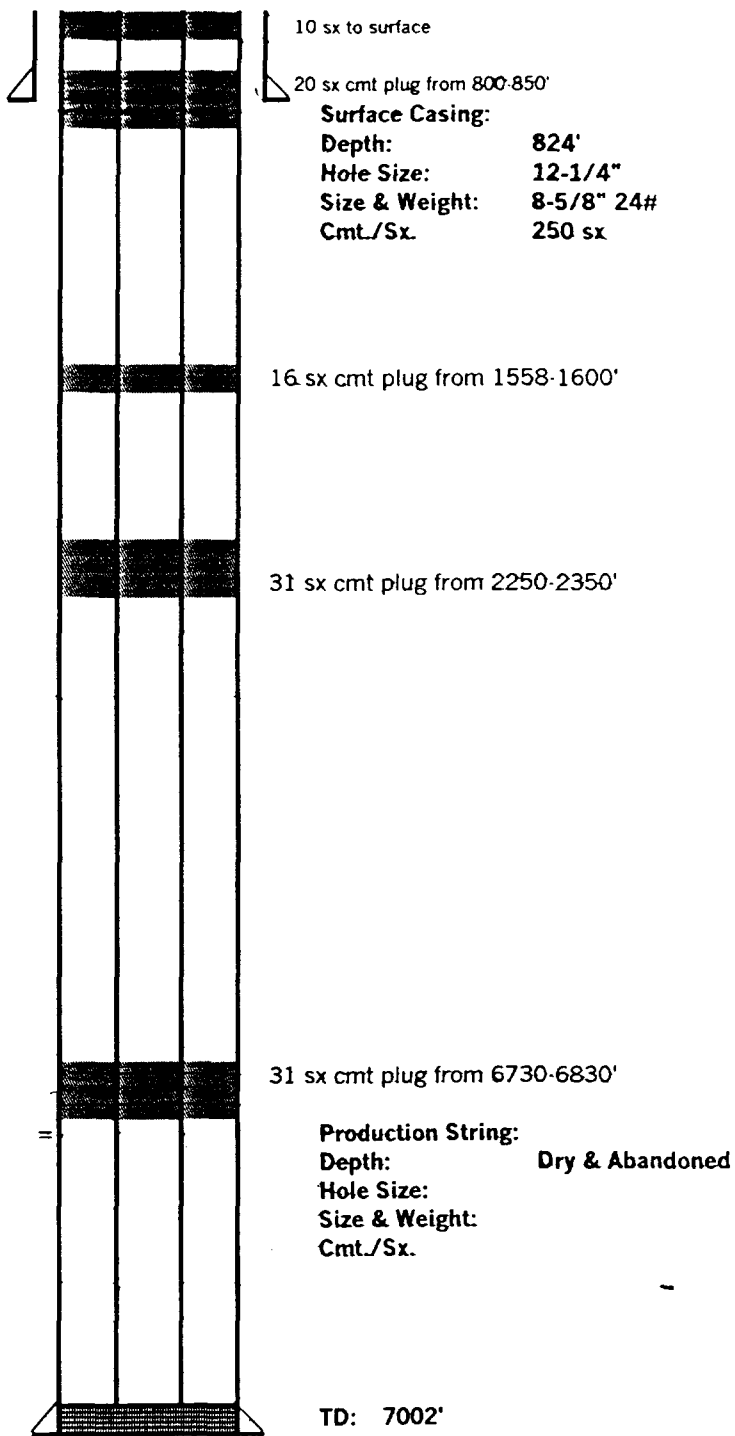
WELL NO: 1

LOCATION: 660' FSL 1980' FWL Unit: N Section: 35 TWNS: T-17-S Range: R-28-E Eddy Co. NM

API NO. 30-015-07310

POOL: Wildcat

DATE P&A: 11/26/59



Perfs: Dry
Form:

Date: 8/22/00 aer

Form C-103
(Revised 5/5/54) E D

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS

DEC 7 1959

(Submit to appropriate District Office as per Commission Rule 1106)

D. C. C.
ARTESIA OFFICE

COMPANY Chambers & Kennedy, 607 Midland National Bank Building, Midland, Texas
(Address)

LEASE Delhi-Taylor-State WELL NO. 1 UNIT N S 35 T 17-S R 28-E
DATE WORK PERFORMED 11-26-59 POOL Wildcat

Eddy County

This is a Report of: (Check appropriate block) ☐ Results of Test of Casing Shut-off
☐ Beginning Drilling Operations ☐ Remedial Work
☒ Plugging ☐ Other _____

Detailed account of work done, nature and quantity of materials used and results obtained

Heat cement plugs were set at the following depths with stated amounts:

Surface - 10 sacks
800' - 850' - 20 sacks
1558' - 1600' - 16 sacks
2250' - 2350' - 31 sacks
6730' - 6830' - 31 sacks

The intervals between cement plugs were filled with drilling mud.
Surface casing, 824' of 8-5/8" 28# new, was cemented with 250 sacks and left in the hole.

Witnessed by: Albert Pierce, Manager of Rotary Tools, Carper Drilling Company, Inc.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. _____ TD _____ PBD _____ Prod. Int. _____ Compl Date _____
Tbng. Dia _____ Tbng Depth _____ Oil String Dia _____ Oil String Depth _____
Perf Interval (s) _____
Open Hole Interval _____ Producing Formation (s) _____

RESULTS OF WORKOVER:

BEFORE

AFTER

Date of Test	_____	_____
Oil Production, bbls. per day	_____	_____
Gas Production, Mcf per day	_____	_____
Water Production, bbls. per day	_____	_____
Gas-Oil Ratio, cu. ft. per bbl.	_____	_____
Gas Well Potential, Mcf per day	_____	_____

Witnessed by: _____

(Company)

I hereby certify that the information given

P&A wells within 1/2 mile of : Melrose Operating Company, Artesia Unit, C-108 Injection Application of 8/25/00

WELLBORE DIAGRAM

WELL NAME: State "A"

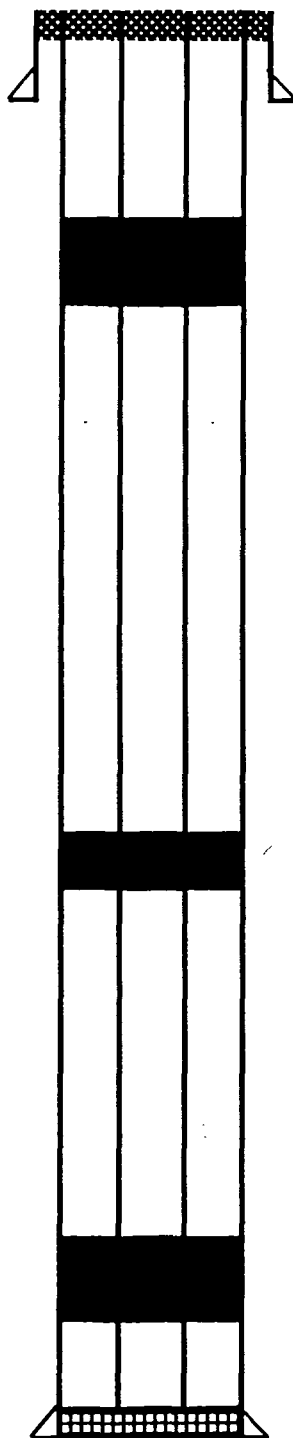
WELL NO: 41

LOCATION: 2310' FSL 2310' FEL Unit: J Section: 35 TWNS: T-17-S Range: R-28-E Eddy Co. NM

API NO. 30-015-01741

POOL: Empire Abo Undes.

DATE P&A: 9/26/61



25 sx plug from surface to marker

Surface Casing:

Depth: 769'

Hole Size: 11"

Size & Weight: 8-5/8" 23#

Cmt./Sx. 350 sx

25 sx plug from 500 - 425'

25 sx plug from 3000-2925'

50 sx plug from 6470-6320'

Perfs: Dry

Form: *****

Production String:

Depth: Dry

Hole Size:

Size & Weight:

Cmt./Sx.

TD: 6470'

Date: 8/22/00 aer

NEW MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106) SEP 29 1961

FORM C-
(Rev 3-55)

RECEIVED

Name of Company Hondo-Western-Yates		Address Box 129, Artesia, New Mexico, C.			
Lease State 'A'	Well No. 41	Unit Letter J	Section 35	Township 17-S	Range 28-E
Date Work Performed 9-22-61	Pool Empire Abo Undesignated	County Eddy		State Office	

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations
 ☐ Casing Test and Cement Job
 ☐ Other (Explain):
- ☒ Plugging
 ☐ Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

As per our C-102 dated 9-22-61 the following is our plugging detail:

With pump truck plugs were set at:

50 sk. plug from 6470 to 6320
 25 sk. plug from 3000 to 2925
 25 sk. plug from 500 to 425
 25 sk. plug from surface and marker.

Name changed from
 Hondo - Western - Yates to
HONDO - INTERNATIONAL - YATES
 effective December 31, 1962

2310' STE

Witnessed by A. J. Deans	Position Dist. Prod. Supt.	Company Hondo Oil & Gas Company
------------------------------------	--------------------------------------	---

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil Spring Diameter	Oil Spring Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Pot. MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION

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

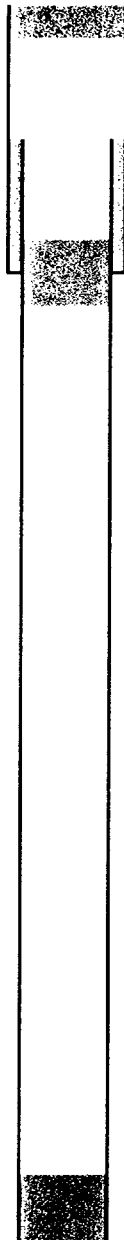
9-26-61

Approved by W. A. Gressett	Name A. J. Deans by [Signature]
Title OIL & GAS INSPECTOR	Position Dist. Prod. Supt.
Date 9-26-61	Company Hondo Oil & Gas Company

WELLBORE SCHEMATIC

Welch
Mry-State #4
990 FNL & 2310 FWL
Section 35-17s-28e
Eddy County, New Mexico
Ground Elevation:
Total Depth: 2,375 feet
API #30-015-01757
Date Drilled: 1/7/57
Date Plugged: 5/14/61

Casing: 8 5/8"
Hole Size:
Depth: 505
Cement:



Plug #3 Surface 10 sx

Plug #2 655' 15 sx

TD: 2375

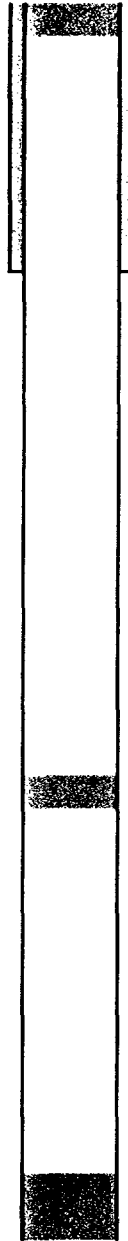
Plug #1 2375' 25 sx

NUMBER OF COPIES RECEIVED DISTRIBUTION		NEW MEXICO OIL CONSERVATION COMMISSION MISCELLANEOUS REPORTS ON WELLS (Submit to appropriate District Office as per Commission Rule 1106)			FORM C-103 (Rev 3-55)	
NAME OF COMPANY W. C. WELCH		ADDRESS ARTESIA, NEW MEXICO				
LEASE N. R. Y. STATE	WELL NO. 4	UNIT LETTER C	SECTION 35	TOWNSHIP 17S	RANGE 28E	
DATE WORK PERFORMED 5/14/61	POOL ARTESIA			COUNTY EDDY		
THIS IS A REPORT OF: (Check appropriate block)						
☐ Beginning Drilling Operations						
☐ Casing Test and Cement Job						
☐ Other (Explain):						
☒ Plugging						
☐ Remedial Work						
30-015-01757						
Detailed account of work done, nature and quantity of materials used, and results obtained.						
WE RAN TUBING TO TOTAL DEPTH OF 2373 FEET. PUMPED IN 25 SACKS OF CEMENT. RAN HUB FROM TOP OF CEMENT TO 100 FEET BELOW THE 8-5/8" CASING AT 655 FEET. RAN 15 SACK CEMENT BRIDGE. PULLED 300 FEET OF THE 8-5/8" CASING. FILLED HOLE TO TOP WITH HUB AND SET MARKER WITH 10 SACKS OF CEMENT.						
RECEIVED DEC 18 1961 O. C. C. ARTESIA, OFFICE						
WITNESSED BY		POSITION		COMPANY		
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY						
ORIGINAL WELL DATA						
D F Elev.	T D	P B T D		Producing Interval	Completion Date	
Tubing Diameter		Tubing Depth		Oil String Diameter		Oil String Depth
Perforated Interval(s)						
Open Hole Interval				Producing Formation(s)		
RESULTS OF WORKOVER						
Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						
OIL CONSERVATION COMMISSION				I hereby certify that the information given above is true and complete to the best of my knowledge.		
Approved by <i>W. A. Brucett</i>				Name <i>W. C. Welch</i>		
Title OIL AND GAS INSPECTOR				Position OWNER		
Date DEC 19 1961				Company W. C. WELCH		

WELLBORE SCHEMATIC

Depco
Artesia Unit #12
1650 FNL & 660 FWL
Section 35-17s-28e
Eddy County, New Mexico
Ground Elevation:
Total Depth: 2,304 feet
API #30-015-01730
Date Drilled: 8/17/61
Date Plugged: 8/17/61

Casing: 8"
Hole Size:
Depth: 475
Cement: 50 sx



Plug #3 Surface 5 sx

Plug #2 1500' 10 sx

TD: 2304

Plug #1 2304 25 sx

NUMBER OF COPIES RECEIVED		3
DISTRIBUTION		
SANTA FE		
PIA		
W.F.B.		
LAND OFFICE		
TRANSPORTER	OIL	
OPERATION OFFICE	AAA	
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1706)

RECEIVED

AUG 28 1961
FORM C-103
(Rev 3-55)D. C. C.
ARTESIA, OFFICE

Name of Company CASTLE AND WIOZELL		Address Box 868, Midland, Texas			
Lease Welch-State	Well No. 2	Unit Letter E	Section 35	Township 17S	Range 28E
Date Work Performed 8-16-61	Pool Artesia		County Eddy		

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations
 ☐ Casing Test and Cement Job
 ☐ Other (Explain):
- ☒ Plugging
 ☐ Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

Set 25 sack plug on bottom - T. D. 2304'.

Filled with mud to 1500'.

Set 10 sack plug at 1500'.

Filled with mud to surface.

Set 5 sack plug at surface.

30-015-01720
=

Witnessed by J. B. Castle	Position	Company
-------------------------------------	----------	---------

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION

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

Approved by

M. L. Armstrong

OGD GAS INSPECTOR

DEC 15 1961

Name

M. L. Castle

Position

Prod. Supt.

Company

Castle and Wigzell

WELLBORE SCHEMATIC

Welch
State #1
2310 FNL & 250 FWL
Section 35-17s-28e
Eddy County, New Mexico
Ground Elevation:
Total Depth: 2,710 feet
API #30-015-01729
Date Drilled: 9/9/26
Date Plugged: 8/14/34

Casing: 10"
Hole Size:
Depth: 295'
Cement:

Plug #3 Surface na

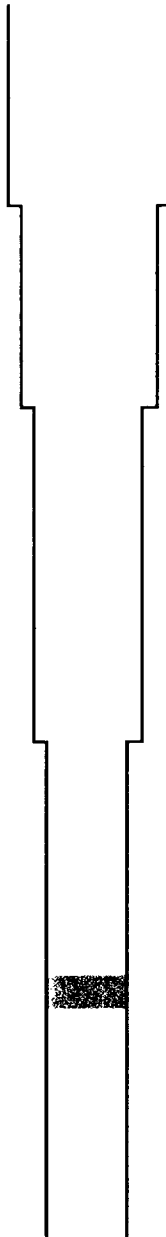
Plugging report indicates
that all casing was pulled.

Casing: 8 1/4"
Hole Size:
Depth: 592'
Cement:

Casing: 6 5/8"
Hole Size:
Depth: 1100'
Cement:

Plug #1 1900' 5 sx

TD: 2710



Form C-102

N. M. OIL CONSERVATION COMMISSION Santa Fe, New Mexico

MISCELLANEOUS NOTICES

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF		NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		Notice of intention to abandon well	
NOTICE OF INTENTION TO DEEPEN WELL		NOTICE OF INTENTION TO PLUG WELL	

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico

Gentlemen:

Following is a notice of intention to do certain work as described below at the _____

Artesia, New Mexico Aug. 10, 34
Place Date
102 pgs 30-015-01729
Welch Bros Lease Well No. 1 in 13 114
Company or Operator
of Sec. 35 T. 17 R. 28 N. M. P. M., Artesia Field.
300y County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

We plan to commence work on August 15, 1934. The reason for wishing to abandon the well is non-productive.

The present condition of the well is as follows: 295' of 10" casing. 592' of 8 1/2" casing; 1100' of 6 5/8" casing.

The work which we propose to do in abandoning the well is as follows: Fill hole with mud to 1900'. Cement with five sacks of cement. Fill with mud to 1100'. Pull 6 5/8" casing. Fill with mud to bottom of 8 1/2" casing. Pull 8 1/2" casing. Fill with mud to bottom of 10" casing. Pull 10" casing and fill with mud to surface and erect regulation marker.

Approved August 14, 19 34
except as follows:

Welch Brothers
Company or Operator

By V. P. Welch

Position Partner

Send communications regarding well to

OIL CONSERVATION COMMISSION,

Name Welch Brothers

By J. D. Hunter

Address Artesia, New Mexico

Title Oil & Gas Inspector

Form 80104

NEW MEXICO STATE LAND OFFICE
SANTA FE, NEW MEXICO
DEPARTMENT OF THE STATE GEOLOGIST
SANTA FE

NOTICE OF INTENTION TO ABANDON WELL

Notice must be given at least five days before work is to begin to the State Geologist or to the proper Oil and Gas Inspector. It is desirable that a representative of the Department of the State Geologist witness the plugging of wells being abandoned whenever possible. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in duplicate.

Artesia, N. Mex. Aug. 10, 1934

Mr. E. H. Wells
Santa Fe, New Mexico.

Dear Sir:

You are hereby notified that it is our intention to abandon Well
No. 1 in NE 1/4 of NW 1/4 of Sec. 35 Twp. 17, Rge. 28,
N. M. P. M., Artesia Oil Field, Eddy County.
We plan to commence work on August 15th, 1934.

The reasons for wishing to abandon the well are as follows:

Non-productive.

38-015-01729

The present condition of the well is as follows:

295 feet of 10" Casing.
592 feet of 8-1/4" Casing.
1100 feet of 6-5/8" Casing

DUPLICATE

The work which we propose to do in abandoning the well is as follows:

Fill hole with mud to 1900 feet. Cement with five sacks of cement.
Fill with mud to 1100 feet. Pull 6-5/8" casing. Fill with mud
to bottom of 8-1/4" casing. Pull 8-1/4" casing. Fill with mud to
bottom of 10" casing. Pull 10" casing and fill with mud to surface
and erect regulation marker.

Sincerely yours,

Approved AUG 14 1934
Except as follows:

WELCH BROTHERS

Company or Operator.

By V. P. Welch
Position Partner

Send communications regarding this well to

Name Welch Brothers
Artesia, New Mexico

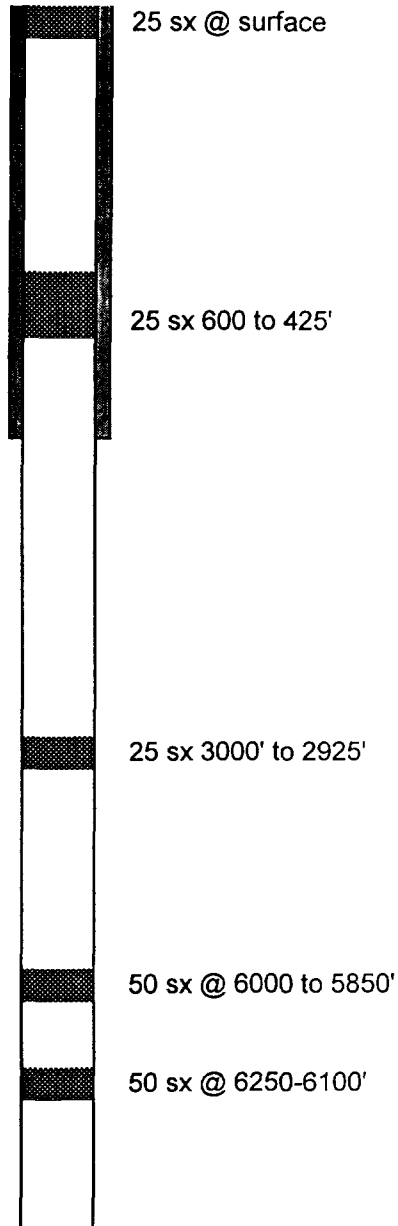
Address

State Geologist or Oil and Gas Inspector.

WELLBORE SCHEMATIC

Hughes
State A #43
330 FNL & 1650 FWL
Section 36-17s-28e
Eddy County, New Mexico
Ground Elevation:
Total Depth: 6,496 feet
API #30-015-02153
Date Drilled: 10/22/61
Date Plugged:

Casing: 8 5/8"
Hole Size:
Depth: 760
Cement: 450

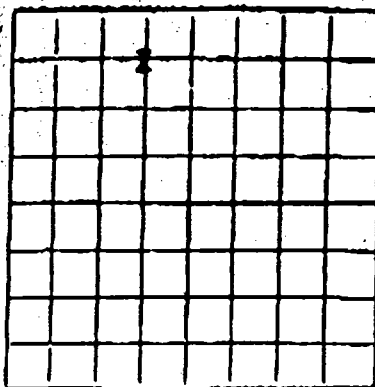


TD: 6496'

02153

#21 30-015-02153

NEW MEXICO OIL CONSERVATION COMMISSION						RECEIVED	
MISCELLANEOUS REPORTS ON WELLS						FORM C-103 (Rev 3-55)	
(Submit to appropriate District Office as per Commission Rule 1106)						NOV 17	
Name of Company Hondo-Western-Yates				Address Box 129, Artesia, New Mexico			
Lease State 'A'	Well No. 43	Unit Letter 0	Section 36	Township 17-N	Range 28-E		
Date Work Performed 10-22-61	Pool Empire Aha		County Eddy				
THIS IS A REPORT OF: (Check appropriate block)						RECEIVED	
☐ Beginning Drilling Operations		☐ Casing Test and Cement Job		☐ Other (Explain):		NOV 17 1961	
☒ Plugging		☐ Remedial Work				O. C. C. ARTESIA, OFFICE	
Detailed account of work done, nature and quantity of materials used, and results obtained.							
As per our C-102 the following is our plugging detail:							
With pump truck plugs were set at: Attempted to set 50 sk. plug at TD 6496 three times and well took plugs on vacuum. Set 50 sk. plug from 6250 to 6100 Set 50 sk. plug from 6000 to 5850 Set 25 sk. plug from 3000' to 2925 Set 25 sk. plug from 1500 to 1425 Set 25 sk. plug 4444 surface and marker.							
Witnessed by A. J. Deans		Position Dist. Prod. Supt.		Company Hondo Oil & Gas Company			
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY							
ORIGINAL WELL DATA							
D F Elev.	T D	PBTD		Producing Interval		Completion Date	
Tubing Diameter		Casing Depth Name changed from Hondo - Yates to		Oil String Diameter		Oil String Depth	
Perforated Interval(s) HONDO - INTERNATIONAL - YATES				Producing Formation(s)			
Open Hole Interval effective December 31, 1962							
RESULTS OF WORKOVER							
Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD	
Before Workover							
After Workover							
OIL CONSERVATION COMMISSION				I hereby certify that the information given above is true and complete to the best of my knowledge.			
Approved by W. A. Gressett				Name A. J. Deans by [Signature]			
Title OIL AND GAS INSPECTOR				Position Dist. Prod. Supt.			
Date APR 19 1962				Company Hondo Oil & Gas Company			



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

02/53
NOV 13 1961

C. C. OFFICE

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPPLICATE. If State Land submit 6 Copies

Hondo-Western-Yates

(Company or Operator)

State '49

(Lease)

Well No. 43 in NE $\frac{1}{4}$ of SW $\frac{1}{4}$ of Sec. 36 T. 17-S R. 28-E NMPM.

Ripira Abo

Pool,

Edgy

County.

Well is 330 feet from North line and 1650 feet from West lineof Section 36 If State Land the Oil and Gas Lease No. is 647Drilling Commenced 10-29-1961 Drilling was Completed 10-23-1961Name of Drilling Contractor Yates Drilling CompanyAddress Artesia, New MexicoElevation above sea level at Top of Tubing Head 3686

The information given is to be kept confidential until

, 19.

OIL SANDS OR ZONES

No. 1, from to No. 4, from to

No. 2, from to No. 5, from to

No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF BRIDGE	OUT AND PULLED FROM	PERFORATIONS	PURPOSE
8-5/8"	24	Used	768	Flange			Surface

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	8-5/8	768'	450	Pump - Plug		

Donnelly Drilling
Sinclair State B #3
660 FSL & 1980 FEL
Section 36-17s-28e
Eddy County, New Mexico
Ground Elevation:
Total Depth: 2,857 feet
API #30-015-01765
Date Drilled: 10/18/56
Date Plugged: 10/56

Donnelly Drilling

Sinclair State B #3

660 FSL & 1980 FEL

Section 36-17s-28e

Eddy County, New Mexico

Ground Elevation:

Total Depth: 2,857 feet

API #30-015-01765

Date Drilled: 10/18/56

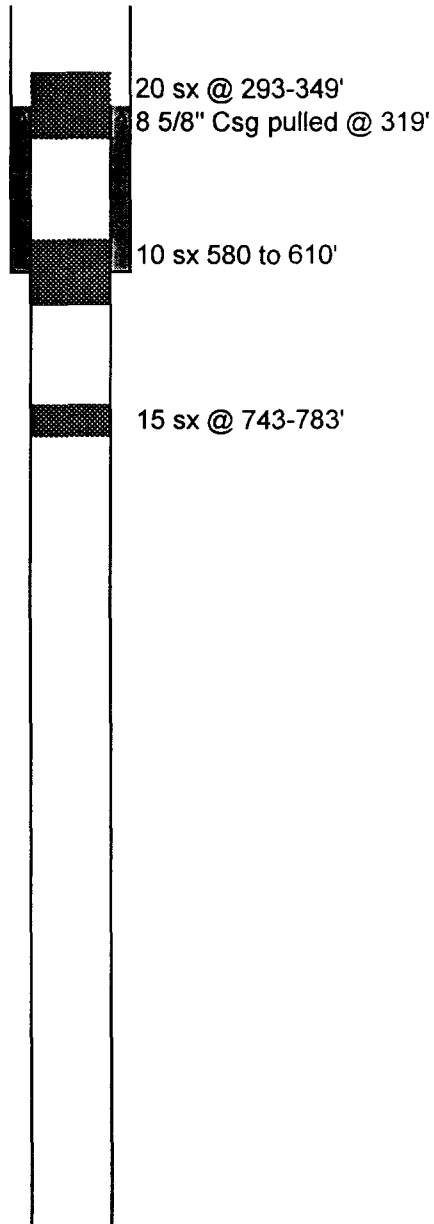
Date Plugged: 10/56

Casing: 8 5/8"
Hole Size:
Depth: 560'
Cement: 25 sx

Hole Size:

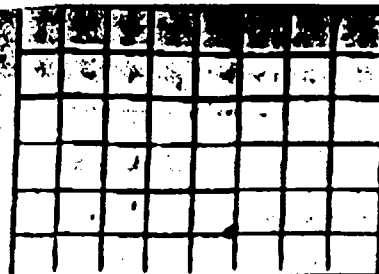
Depth: 560'

Cement: 25 sx



TD: 2857

#22



AREA 640 ADDRESS
LOCATE WELL CORRECTLY

WELL RECORD

Oil Cons. Comm.
ARTESIA OFFICE

30-015-01765

#22

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in **QUINTUPLICATE**. If State Land submit 6 Copies

DONNELLY DRILLING COMPANY, INC.

Sinclair B

(Company or Operator)

(Land)

Well No. 3 in SW $\frac{1}{4}$ of SE $\frac{1}{4}$ of Sec. 36, T. 17S, R. 28E, NMPM.

(Artesia)

Pool,

Edgy

County.

Well is 660 feet from South line and 1980 feet from West lineof Section 36. If State Land the Oil and Gas Lease No. is 2-949Drilling Commenced September 12, 1956 Drilling was Completed October 16, 1956Name of Drilling Contractor Donnelly Drilling Company, Inc.Address P.O. Box 433, Artesia, New MexicoElevation above sea level at Top of Tubing Head 19 The information given is to be kept confidential until

OIL SANDS OR ZONES

No. 1, from 409 to 420 No. 4, from 409 to 420No. 2, from 409 to 420 No. 5, from 409 to 420No. 3, from 409 to 420 No. 6, from 409 to 420

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 409 - 420 to 420 feet.No. 2, from 409 to 420 feet.No. 3, from 409 to 420 feet.No. 4, from 409 to 420 feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SEAM	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8 5/8"	24#	New	555'	Tex. Patt	319'	None	Shut off water

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10	8 5/8"	559'	25	Cement	8.5	100

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qu. or Gals. used, interval treated or shot.)

30-015-01765

RECEIVED

Form O-163

(Revised 3-55)

AUG 6 1957

NEW MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rules.)

ARTESIA OFFICE

COMPANY Donnelly Drilling Co., Inc.
(Address)LEASE Lincoln State 8 WELL NO. 3 UNIT 0 S 36 T 17S R 28EDATE WORK PERFORMED October 12, 1956 POOL CarteriaThis is a Report of: (Check appropriate block) ☐ Results of Test of Casing Shut-off☐ Beginning Drilling Operations☐ Remedial Work☒ Plugging☐ Other _____

Detailed account of work done, nature and quantity of materials used and results obtained.

8 5/8" OD casing knocked off at 319'. 15 sacks cement set at 743-783'. base
 salt 765'. 10 sacks cement set at 580-610'; top of salt 595'. 20 sacks cement
 set at 293' to 349', top of pipe left in hole 319'. Cemented dry hole marker
 at top of hole, cleaned up location. Bit mud was placed between all plugs.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. _____ TD _____ PBD _____ Prod. Int. _____ Compl Date _____

Tbng. Dia _____ Tbng Depth _____ Oil String Dia _____ Oil String Depth _____

Perf Interval (s) _____

Open Hole Interval _____ Producing Formation (s) _____

RESULTS OF WORKOVER:

BEFORE

AFTER

Date of Test _____

Oil Production, bbls. per day _____

Gas Production, Mcf per day _____

Water Production, bbls. per day _____

Gas-Oil Ratio, cu. ft. per bbl. _____

Gas Well Potential, Mcf per day _____

Witnessed by _____

(Company)

OIL CONSERVATION COMMISSION

I hereby certify that the information given
above is true and complete to the best of
my knowledge.Name W. P. GressettName W. P. GressettTitle OIL AND GAS INSPECTORPosition PresidentDate AUG 6 1957Company Donnelly Drilling Co., Inc.

WELLBORE SCHEMATIC

Johnston

Five #4

1650 FNL & 660 FEL

Section 36-17s-28e

Eddy County, New Mexico

Ground Elevation:

Total Depth: 2,749 feet

API #30-015-10544

Date Drilled: 6/16/65

Date Plugged: 6/29/65

Casing: 8 5/8"
Hole Size:
Depth: 439'
Cement: 50 sx



Plug #5 Surface na

Plug #4 400-460 20 sx

Plug #3 790-730 20 sx

Plug #2 1605-1680 25 sx

TD: 2749'

Plug #1 2678-2753 25 sx

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SANTA FE	1
FILE	1
U.S.G.S.	
LAND OFFICE	
OPERATOR	6

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

30-015-10544

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)		5a. Indicate Type of Lease State ☒ Fee ☐
1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER-		5. State Oil & Gas Lease No. 647
2. Name of Operator Hugh L. Johnston, Sr.		7. Unit Agreement Name
3. Address of Operator 831 Petroleum Bldg., Roswell, New Mexico		8. Form or Lease Name Tract Five J
4. Location of Well: UNIT LETTER H 1650 FEET FROM THE North LINE AND 660 FEET FROM THE East LINE, SECTION 36 TOWNSHIP 17S RANGE 24E N.M.P.M.		9. Well No. 4
15. Elevation (Show whether DF, RT, GR, etc.)		10. Field and Pool, or Wildcat Artesia (Piemonte)
12. County Eddy		

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
 NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
 TEMPORARILY ABANDON ☐
 PULL OR ALTER CASING ☐
 OTHER ☐

PLUG AND ABANDON ☐
 CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
 COMMENCE DRILLING OPNS. ☐
 CASING TEST AND CEMENT JOBS ☐
 OTHER ☐
 ALTERING CASING ☐
 PLUG AND ABANDONMENT ☒

17. 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.

ant plug
 Set 2 1/2" ak from 2678 to 2753
 2 1/2" ak " 1605 to 1680
 2 1/2" ak " 790 to 730
 2 1/2" ak " 400 to 460

Set plug at surface and regulation dry hole marker.

RECEIVED

JUN 29 1965

O. C. C.
 ARTESIA, OFFICE

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

SIGNED Hugh L. Johnston, Sr. TITLE Owner DATE June 29, 1965

APPROVED BY W.A. Gressett TITLE Asst. Dir. Oil Conservation DATE JUN 29 1965

CONDITIONS OF APPROVAL, IF ANY:

P&A wells within 1/2 mile of : Melrose Operating Company, Artesia Unit, C-108 Injection Application of 8/25/00

WELLBORE DIAGRAM

WELL NAME: Artesia Unit

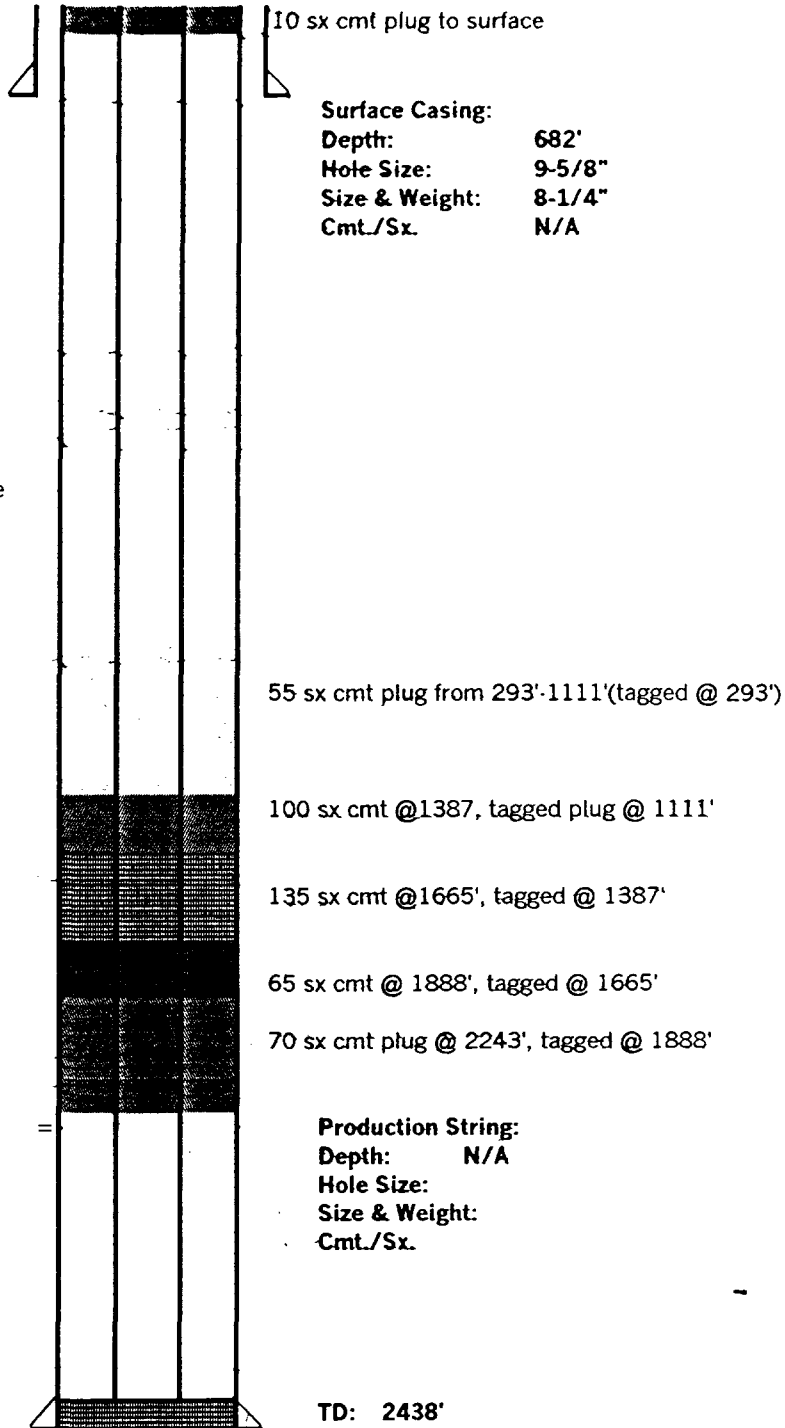
WELL NO: 57

LOCATION: 1570' FSL 1070' FWL Unit: L Section: 3 TWNS: T-18-S Range: R-28-E Eddy Co. NM

API NO. 30-015-01795

POOL: Artesia

DATE P&A: 5/8/87



No scale on wellbore

Date: 8/22/00 aer

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U.S.O.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease

State ☒Lease ☐

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO OPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE APPLICATION FOR PERMIT TO DRILL OR TO OPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	RECEIVED BY
2. Name of Operator	JUN - 3 1987
3. Address of Operator	O. C. D.
800 Central, Odessa, Texas 79761	ARTESIA, OFFICE
4. Location of Well	
UNIT LETTER <u>L</u> <u>1570</u> FEET FROM THE <u>South</u> LINE AND <u>1070</u> FEET FROM	
THE <u>West</u> LINE, SECTION <u>3</u> TOWNSHIP <u>18</u> RANGE <u>28</u> N.M.P.M.	

7. Unit Agreement Name

8. Farm or Lease Name

Artesia Unit

9. Well No.

57

10. Field and Pool, or Wildcat

Artesia (O. GBR, SA)

15. Elevation (Show whether DF, RT, GR, etc.)

3600 DF

12. County

Eddy

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 ☐COMMENCE DRILLING OPNS. ☐PLUG AND ABANDONMENT ☐FULL OR ALTER CASING ☐CHANGE PLANS ☐CASING TEST AND CEMENT JOBS ☐OTHER ☐

17. 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.

5-6-87: Ran tbgt to 2243'. Spotted 70 sx Class "C" cmt w/2% CaCl, 6# gel, 1/4# Flocele. SI 2 hrs & tag plug @ 1888'. Pmpd 65 sx Class "C" cmt w/2% CaCl @ 1888'.

5-7-87: Tagged plug @ 1665'. Pmpd 135 sx Class "C" cmt w/2% CaCl @ 1665'. SI 5 hrs & tag plug @ 1387'. Pmpd 5 bbls Flo-Chek followed w/100 sx Class "C" cmt w/4% CaCl.

5-8-87: Tagged plug @ 1,111'. Set 55 sx plug from 1,111' to 293'. SI 2 hrs & tag plug @ 293'. Set 10 sx plug @ sfs w/dry hole marker. Mud laden fluid between sfs plug & 293' & from 2293' to TD.

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

R. L. Denney

R. L. Denney

TITLE Chief Production Clerk

DATE 6-2-87

APPROVED BY Daniel Moore

TITLE Geologist

DATE 10/28/88

CONDITIONS OF APPROVAL, IF ANY:

WELLBORE DIAGRAM

WELL NAME: Artesia Unit

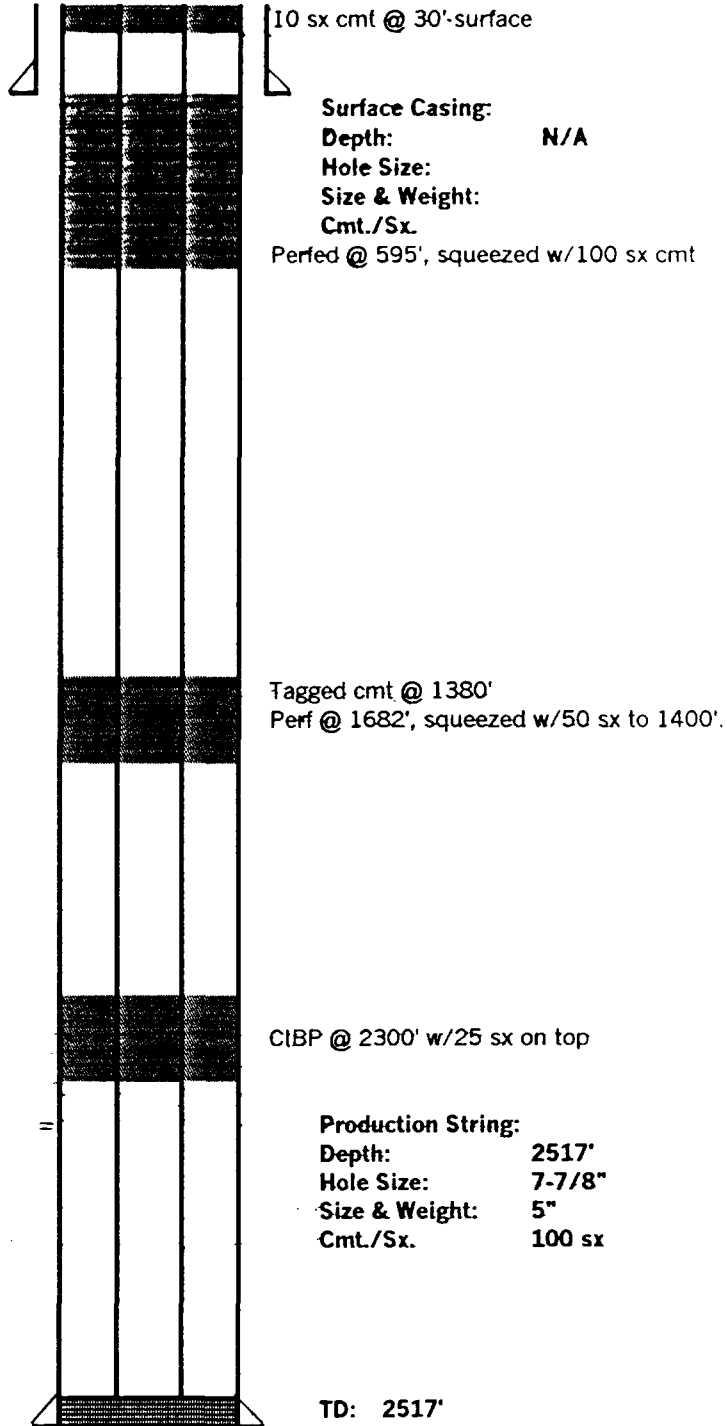
WELL NO: 61

LOCATION: 660' FSL 2310' FEL Unit: O Section: 3 TWNS: T-18-S Range: R-28-E Eddy Co. NM

API NO. 30-015-02550

POOL: Artesia

DATE P&A: 6/26/00



Date: 8/22/00 aer

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO. 30-015-02550
Indicate Type of Lease STATE ☒ FEE ☐
State Oil & Gas Lease No.

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.)		Lease Name or Unit Agreement Name Artesia Unit
Type of Well: OIL WELL ☐ GAS WELL ☐ OTHER WIW ☐		
Name of Operator Melrose Operating Co.		Well No. 61
Address of Operator PO Box 5061, Midland, TX 79704		Pool name or Wildcat Artesia QN-GB-SA
Well Location Unit Letter O : 660 Feet From The South Line and 2310 Feet From The East Line Section 3 Township 18S Range 28E NMPM Eddy County		
Elevation (Show whether DF, RKB, RT, GR, etc.)		

11

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☒
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

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.

6/23/00 -

Notify OCD. Move equip to loc. MI & RU. ND wellhead. NU BOP. Unset pkr. POH. RIH & set CIBP @ 2300'. RIH w/tbg. Load hole w/10# mud. Spot 25 sx @ 2300'. POH & perf @ 1682'. RIH w/pkr & sqz 50 sx displace to 1400'. WOC. POH w/pkr. Close well in.

6/26/00 -

RIH & tag @ 1380'. POH. RIH & perf @ 595'. RIH w/pkr to 315'. Sqz 100 sx. SI @ 250#. WOC for 4 hrs per OCD. POH & spot 10 sx @ 30' to surf. RD. Cut off wellhead. Level pit & cellar.

Install dry hole marker.

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

SIGNATURE

Bonnie Atwater

TITLE Regulatory Tech.

DATE 07-20-00

TYPE OR PRINT NAME Bonnie Atwater

TELEPHONE NO 915/685-1761

(This space for State Use)

APPROVED BY

TITLE

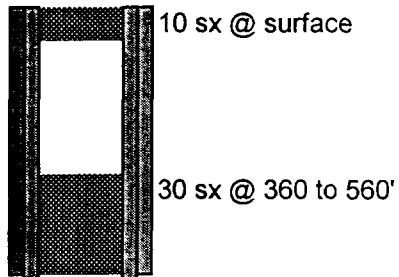
DATE

CONDITIONS OF APPROVAL, IF ANY

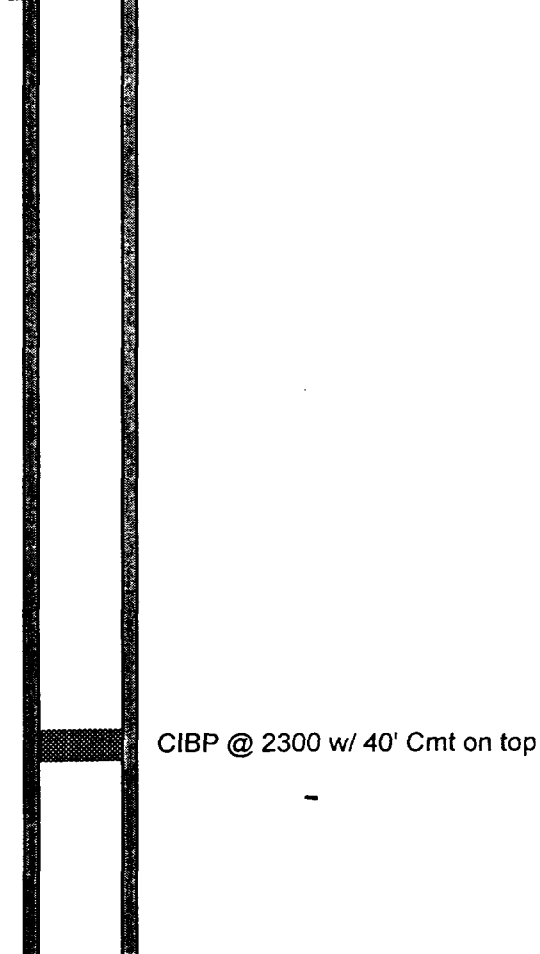
WELLBORE SCHEMATIC

Melrose
Artesia Unit #66
1550 FNL & 1950 FWL
Section 3-18s-28e
Eddy County, New Mexico
Ground Elevation:
Total Depth: 2,435 feet
API #30-015-20322
Date Drilled: 8/31/70
Status: WIW

Casing: 8 5/8"
Hole Size:
Depth: 561'
Cement: 300 sx



Casing: 5 1/2"
Hole Size:
Depth: 2435
Cement: 600 sx



TD: 2435

4. OF COPIES RECEIVED	3
DISTRIBUTION	
DATA FE	1
FILE	1
S.G.S.	
AND OFFICE	
OPERATOR	1

NEW MEXICO OIL CONSERVATION COMMISSION

MAY 5 1975

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-4-65

#26

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
30-015-20322
7. Unit Agreement Name
8. Farm or Lease Name
Artesia Unit
9. Well No.
66
10. Field and Pool, or Wildcat
Artesia
12. County
Eddy

SUNDARY NOTICES AND REPORTS ON WELLS OFFICE
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG AND ABANDON ANY OIL OR GAS RESERVOIR.
USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL ☐ GAS WELL ☐ OTHER- Injection

Name of Operator
DEPCO, Inc.

Address of Operator
800 Central, Odessa, Texas 79761

Location of Well
UNIT LETTER F, 1550 FEET FROM THE North LINE AND 1950 FEET FROM
The West LINE, SECTION 3 TOWNSHIP 18S RANGE 28E NMPM.

15. Elevation (Show whether DF, RT, CR, etc.)
3662 Gr.

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 OPS. ☐	PLUG AND ABANDONMENT ☒
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☐	OTHER ☐

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

4-18-75 Set cast iron bridge plug at 2300 w/40' cement plug on top. Set 30 sx. cement plug 560-360, 10 sx. at surface. Pumped 15 sx. through bradenhead with cement coming to surface. Set dry hole marker in 5 1/2" casing.

Posted P+H
ID-2 5-9-75
Posted P+H
ID-4 5-30-75

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

Signed D. R. Mason TITLE Chief Clerk DATE 4-30-75

Over Leah Bergstrom TITLE OIL AND GAS INSPECTOR DATE MAY 14 1975

CONDITIONS OF APPROVAL, IF ANY

20322

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NEW MEXICO OIL CONSERVATION COMMISSION

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AUG 28 1970

O. C. C.
ARTESIA, OFFICEForm C-103
Supersedes Old
C-102 and C-103
Effective 1-1-655a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.

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.)

1. OIL WELL ☐ GAS WELL ☐ OTHER- Injection	7. Unit Agreement Name Artesia Unit
2. Name of Operator DEPCO, Inc.	8. Form or Lease Name
3. Address of Operator 800 Central, Odessa, Texas 79760	9. Well No. 66
4. Location of Well UNIT LETTER E , 1550 FEET FROM THE North LINE AND 1950 FEET FROM THE West LINE, SECTION 3 TOWNSHIP 18S RANGE 28E NMPM.	10. Field and Pool, or Wildcat Artesia
15. Elevation (Show whether DP, RT, GR, etc.) 3662 GR.	12. County Eddy

10. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

 PERFORM REMEDIAL WORK ☐
 TEMPORARILY ABANDON ☐
 PULL OR ALTER CASING ☐

 PLUS AND ABANDON ☐
 CHANGE PLANS ☐

 REMEDIAL WORK ☐
 COMMENCE DRILLING OPER. ☐
 CASING TEST AND CEMENT JOB ☒
 OTHER ☐

 ALTERING CASING ☐
 PLUS AND ABANDONMENT ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1708.

- 8-15-70 Drill 7 3/4" hole to 2360'. Core #1 from 2360-2410'.
 8-16-70 Drill 7 3/4" hole to 2435' (TD).
 8-17-70 Ran Gamma Ray-Caliper-Density Log and cut 5 tricores at 1833-36', 2116-19', 2235-38', 2295-98', and 2345-48'.
 8-18-70 Ran 2435' of 5 1/2" 15.5#/ft. J-55 casing and cemented with 400 sacks Howco Lite water followed with 200 sx. Incon with 3# salt per sack. Cement circulated. During WOC time down hole flow pushed approximately 50 sx. cement out the hole at the surface.
 8-24-70 Perf 2 holes at 2344'. Set retainer at 2225' and pump into perfs at 1 1/4 BPM at 1200 psig. Cement with 10 sx. Incon cement with 3% salt and 3% CaCl. WOC.
 8-26-70 Perf 2 holes at 2220' and could not pump into perfs at 2000 psig. Perf 2 holes at 1805' and could not pump into at 2000 psig.
 8-27-70 Drill retainer and cement. Clean out to TD. Prep. to perforate Premier.

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

SIGNED D. R. MasonTITLE Chief Production ClerkDATE 8-27-70

APPROVED BY

W. A. Gressett

TITLE

OIL AND GAS INSPECTOR

DATE

AUG 28 1970

20322

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NEW MEXICO OIL CONSERVATION COMMISSION

AUG 20 1970

O. C. C.

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease

State ☒ Fee ☐

5. State Oil & Gas Lease No.

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.)

1. OIL WELL ☐ GAS WELL ☐ OTHER- <u>Injection</u>	7. Unit Agreement Name <u>Artesia Unit</u>
2. Name of Operator <u>DEPCO, Inc.</u>	8. Farm or Lease Name
3. Address of Operator <u>800 Central, Odessa, Texas 79760</u>	9. Well No. <u>66</u>
4. Location of Well UNIT LETTER <u>F</u> , <u>1550</u> FEET FROM THE <u>North</u> LINE AND <u>1950</u> FEET FROM THE <u>West</u> LINE, SECTION <u>3</u> TOWNSHIP <u>18S</u> RANGE <u>28E</u> NMPM.	10. Field and Pool, or Wildcat <u>Artesia</u>
15. Elevation (Show whether DF, RT, GR, etc.) <u>3662 Gr.</u>	12. County <u>Eddy</u>

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 ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☒	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1705.

Spudded 7:00 P.M. 8-11-70. Drilled 11" hole to 561'. Set 8 5/8" 24# 8rd. casing at 561'. Cemented with 300 sx. class "M" with 3# salt per sack & 3% CaCl. Plug down 8:10 A.M. 8-12-70. Cement circulated. WOC 18 hours, tested casing at 1000# for 30 minutes. No. Leaks.

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

SIGNED D. R. MasonTITLE Chief ClerkDATE 8-18-70APPROVED BY W. A. GressettTITLE OIL AND GAS INSPECTORDATE AUG 20 1970

CONDITIONS OF APPROVAL, IF ANY:

WELLBORE SCHEMATIC

Flynn Welch
State 647 # 42
2390 FSL & 1070 FWL
Section 3-18s-28e
Eddy County, New Mexico
Ground Elevation:
Total Depth: 2,432 feet
API #30-015-01794
Date Drilled: 5/13/26
Date Plugged: 7/25/52

Casing:
Hole Size:
Depth:
Cement:

Casing: 8 1/4"
Hole Size:
Depth: 723'
Cement:

TD: 2432



Plug #3 Surface 10 sx

Plugging Report claims that
the hole contained no surface casing.

Pulled all of 8 5/8" Casing
Casing size on plugging report conflicts
with originally reported size.

Plug #2 700' 10 sx

Plug #1 2300' 10 sx

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL	X	REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	

July 26, 1952

(Date)

Artesia, N.M.

(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Malco-Reisler-Yates

(Company or Operator)

State

(Lease)

Company Tools

(Contractor)

Well No. 42 in the NW $\frac{1}{4}$ SW $\frac{1}{4}$ of Sec. 3

T. 18S, R. 28E, NMPM, Artesia Pool, Eddy County.

The Dates of this work were as follows: July 23, 24, & 25, 1952

Notice of intention to do the work (was) ~~known~~ submitted on Form C-102 on June 25, 1952, 19____

(Cross out incorrect words)

and approval of the proposed plan (was) (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Ran tubing to 2300: Pumped in 10 sacks cement. Raised tubing and pumped in fluid containing 40 sacks mud. Pulled 717' of 8 5/8" (all of it). Set 10 sacks cement plug at 700'. There was no 10 3/4 in hole. Filled hole with mud laden fluid and set marker at top in 10 sacks cement plug. ABANDONED.

AUG 7 1952

Witnessed by.....

(Name)

(Company)

(Title)

Approved: **OIL CONSERVATION COMMISSION**

H. A. Johnson

(Name)

OIL AND GAS INSPECTOR

(Title)

AUG 7 1952

(Date)

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

Name D. P. Shaffer

Position Sec. of Opr. Comm.

Representing Malco-Reisler-Yates

Carper Bldg. Artesia, N.M.

Address.....

WELLBORE SCHEMATIC

Flynn Welch
State 647 # 41
1570 FSL & 250 FWL
Section 3-18s-28e
Eddy County, New Mexico
Ground Elevation:
Total Depth: 2,428 feet
API #30-015-01793
Date Drilled: 5/7/26
Date Plugged: 3/49 & 1/26/82

Casing: 10"
Hole Size:
Depth: 374'
Cement:

Plug #3 Surface 8 sx

Pulled 244' of 10 3/4" casing

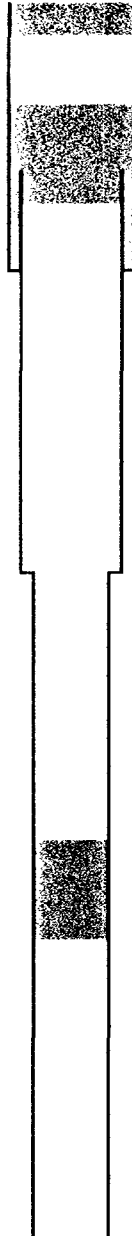
Re-entry to 325' in 1981

Plug #2 325' 200 sx

Casing: 8 1/4"
Hole Size:
Depth: 715'
Cement:

Plug #1 1800' 115 sx

TD: 2428



ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

JAN 27 1982

Form C-103
Revised 10-

30-015-01793

O. C. D.
ARTESIA, OFFICE

5a. Indicate Type of Lease

State ☒Fee ☐

5. State Oil & Gas Lease No.

647

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.

1. ☐ OIL WELL ☐ GAS WELL ☐ OTHER- Plug and Abandon	7. Unit Agreement Name
2. Name of Operator DEPCO, Inc. Western Yates	8. Form or Lease Name State #4
3. Address of Operator 800 Central, Odessa, Texas 79761	9. Well No. 41
4. Location of Well 1570' South 2 230' UNIT LETTER L NA FEET FROM THE NA LINE AND NA FEET FROM West e THE NA LINE, SECTION 3 TOWNSHIP 18 RANGE 28 NEPL.	10. Field and Pool, or Whicel Artesia (O G, SA)
11. Elevation (Show whether DF, RT, CR, etc.) NA	12. County Eddy

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPS. ☐
CASING TEST AND CEMENT JOBS ☐
OTHER ☐

ALTERING CASING
PLUG AND ABANDONMENT

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any pro- work) SEE RULE 1103.

This well was originally plugged in March, 1949, by setting a 15 sx. cement plug at 1800'. Then pumping 100 sx. mud on top of cement. Pulled 717' of 8 5/8" and 244' of 10 3/4" casing. This work was performed by Mako-Resler-Yates.

In June 1981, DEPCO ran 37' of 12 3/4" 34# casing and cemented with 4 yards ready mix then a 7 7/8" bit was run on 2 7/8" tubing, a bridge was hit at 37', after drilling through this bridge circulation was lost. Another bridge was hit at 80'; finely drilled to 244'. Tried to get inside casing with 6 1/4" bit but could not run 4 1/2" bit, appeared to be on outside of casing. Ran a 6 1/4" tapered mill, made about 20' of hole. Pulled mill and run bit. Drilled to 325' but started torquing up. Still did not have circulation. At this point Mr. Bill Gresset gave verbal approval to plug well at a depth of 325'. Ran 2 3/8" tubing to 325' and pumped 200 sx. Class "C" cement with 4% Ca Cl. Pulled tubing and shut down for 3 hours. Ran tubing to check cement. Cement came up to 150' pulled tubing and dumped 8 yards ready mix filling hole to surface. Dry hole marker set at surface.

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

SIGNED Leon Standard Leon StandardTITLE Field EngineerDATE 1-26-82PROVED BY M. H. WilliamsTITLE OIL AND GAS INSPECTORDATE FEB 4 1982

CONDITIONS OF APPROVAL, IF ANY:

WELLBORE DIAGRAM

DATE P&A: 6/24/71

POOL: Artesia

10 sx cmt plug @ top & set mkr.

25 sx cmt plug @ 505'

Surface Casing:

Depth: 505'

Hole Size: 12-1/4"

Size & Weight: 8-5/8" 24#

Cmt./Sx. 50 sx

25 sx cement plug @ 1510'

25 sx cement plug

Anticipated Perfs:

Production String: N/A
Depth:
Hole Size:
Size & Weight:
Cmt./Sx.

TD: 2526'

Date: 8/22/00 aer

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NEW MEXICO OIL CONSERVATION COMMISSION

AUG 3 1971

O. C. C.
ARTESIA, OFFICEForm C-103
Supersedes Old
C-102 and C-103
Effective 1-1-655a. Indicate Type of Lease
State ☒

5. State Oil & Gas Lease No.

#811539

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.

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. Unit Agreement Name -----
2. Name of Operator AMERICAN PETROFINA COMPANY OF TEXAS	8. Farm or Lease Name Humble Stout State
3. Address of Operator Box 1311, Big Spring, Texas 79720	9. Well No. 1
4. Location of Well UNIT LETTER I 330 FEET FROM THE East LINE AND 2310 FEET FROM THE South LINE, SECTION 4 TOWNSHIP 18S RANGE 28E NMPM.	10. Field and Pool, or Wildcat Artesia
15. Elevation (Show whether DF, RT, GR, etc.) -----	12. County Eddy

16.

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐PLUG AND ABANDON ☐
CHANGE PLANS ☐OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOBS ☐ALTERING CASING ☐
PLUG AND ABANDON ☐OTHER ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any work) SEE RULE 1703.

6-23-71 Set 2" tubing at TD and spotted 25 sk. cement plug on bottom using mud laden fluid as displacing medium. Pulled tubing up to 1510'.

6-24-71 Spotted 25 sk. cement plug at 1510'. Pulled tubing up to 505' and spotted 25 sk. cement plug. Pulled tubing. Placed 10 sk. cement plug in top of 8 5/8" casing and set 4 1/2" pipe marker.

(P.O.W.)

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

SIGNED

R.C. Bott

R.C. Bott

TITLE Assistant Dist. Mgr of Production 7/30/71

APPROVED BY

C.H. Brown

TITLE

OIL AND GAS INSPECTOR

DATE

AUG 1 1971

CONDITIONS OF APPROVAL, IF ANY:

P&A wells within 1/2 mile of : Melrose Operating Company, Artesia Unit, C-108 Injection Application of 8/25/00

WELLBORE DIAGRAM

WELL NAME: Levers State

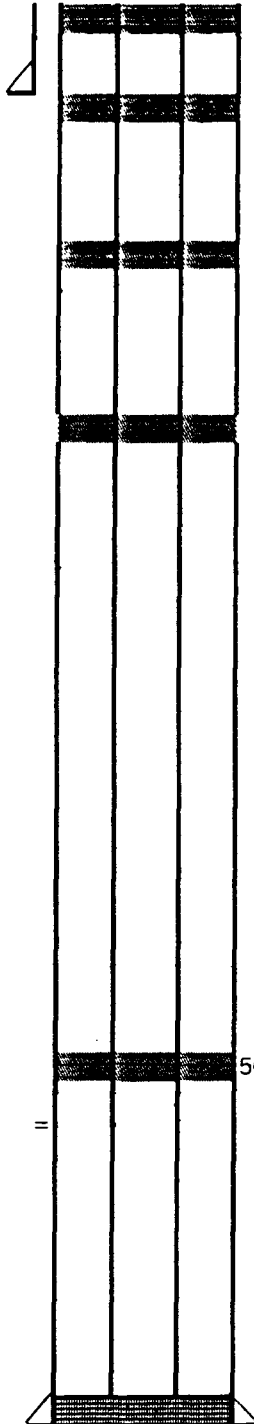
WELL NO: 5

LOCATION: 1082' FSL 1562' FEL Unit: O Section: 4 TWNS: T-18-S Range: R-28-E Eddy Co. NM

API NO. 30-015-02573

POOL: Artesia

DATE P&A: 2/4/71



Placed 10 sx cement plug in top of 10 3/4" csg & set mkr.

Surface Casing:

Depth: N/A

Hole Size:

Size & Weight:

Cmt./Sx.

Spotted 25 sx cement plug @ 540'

Spotted 25 sx cement plug @ 857'

Pulled 857' 8 5/8" casing

25 sx cement @ 1350'

50 sx @ 2416'

Perfs: N/A

Form: N/A

Production String:

Depth: N/A

Hole Size:

Size & Weight:

Cmt./Sx.

TD: 2416'

Date: 8/22/00 aer

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
703	

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.)	
1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER	
2. Name of Operator AMERICAN PETROFINA COMPANY OF TEXAS	
3. Address of Operator Box 1311, Big Spring, Texas 79720	
4. Location of Well UNIT LETTER 0 1082 FEET FROM THE South LINE AND 1562 FEET FROM THE East LINE, SECTION 4 TOWNSHIP 18S RANGE 28E N.M.P.M.	
15. Elevation (Show whether DF, RT, CR, etc.) 3654 CR	

7. Unit Agreement Name	
8. Farm or Lease Name	Lavers State
9. Well No.	5
10. Field and Pool, or Wildcat	Artesia
12. County	Eddy

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 ☒
LL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

(pow)

1-28-71 Ran 2-3/8" tubing to TD 2416'

1-29-71 Spotted 50 sx cement on bottom through tubing using mud laden fluid as displacing medium. Pulled tubing up to 1350' and spotted 25 sx cement plug. Pulled remainder of tubing.

1-30-71 Worked 8-5/8" casing loose and pulled (857')

2-1-71 Ran 2-3/8" tubing to 857' and spotted 25 sx cement plug.

2-3-71 Pulled tubing to 540' (Bottom of 10-3/4") and spotted 25 sx cement plug.

2-4-71 Pulled tubing, placed 10 sx cement plug in top of 10-3/4" casing and set 4-1/2" pipe marker.

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

SIGNED J. M. Denson J. M. Denson TITLE Asst. District Mgr. of Production March 2, 1971

APPROVED BY C. L. House TITLE OIL AND GAS INSPECTOR DATE AUG 11 1971

CONDITIONS OF APPROVAL, IF ANY:

WELLBORE SCHEMATIC

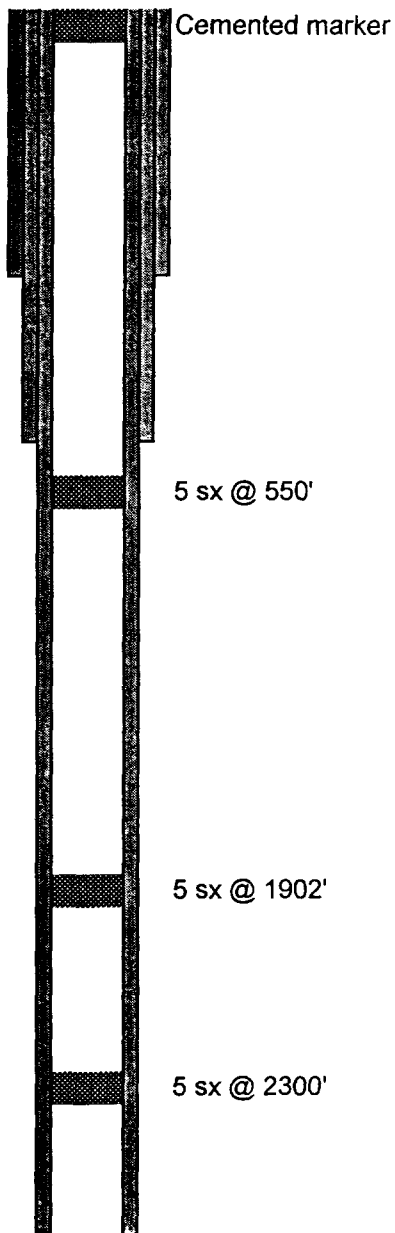
McGonagille
Carper State #1
330 FNL & 330 FEL
Section 4-18s-28e
Eddy County, New Mexico
Ground Elevation:
Total Depth: 2,818 feet
API #30-015-02557
Date Drilled: 12/31/48
Status:

Casing: 10 3/4"
Hole Size:
Depth: 285'
Cement:

Casing: 8 1/4"
Hole Size:
Depth: 535'
Cement:

Casing: 7"
Hole Size:
Depth: 1913
Cement: 20 sx

TD: 2818'



FORM C-102

NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELL

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut-offs, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below:

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF	X	REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

Artesia, New Mexico

September 29, 1941

Place

Date

OIL CONSERVATION COMMISSION
Santa Fe, New Mexico.
Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the

McGonagill Daugherty Well No. 1 State in the
Company or Operator Lease

NE NE of Sec. 4, T. 18, R. 28, N. M. P. M.,
Old Field, Eddy County

The dates of this work were as follows: July 14, 1941

Notice of intention to do the work was (was not) submitted on Form C-102 on 19
and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Halliburton ran 1902' of 7" casing with 25 sacks of cement July 14, 1941.
After allowing the cement to set the plug was drilled out and no water appeared in the hole.

Witnessed by Alex McGonagill
Name Company Title

Subscribed and sworn to before me this
20 day of September, 1941

Mary Lucille Carlin
Notary Public

My Commission expires May 23, 1942

Remarks:

I hereby swear or affirm that the information given above is true and correct.

Name Emory Carper

Position

Representing Carper Drilling Company
Company or Operator

Address Artesia, New Mexico

Ray Yarbrough
Name
OIL & GAS INSPECTOR
Title

#31 30-015-02557

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

(Form C-103)
(Revised 7/1/52)

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL	☒	REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	

November 28, 1952

(Date)

Artesia, New Mexico

(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

CARPER DRILLING COMPANY, INC.

(Company or Operator)

McGonagill State

(Lease)

R. D. Collier

(Contractor)

Well No. 1 in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ of Sec. 4

T. 18 S, R. 28 E, NMPM, Artesia Pool, Eddy County.

The Dates of this work were as follows: Sept. 26 & 27, 1952

Notice of intention to do the work (was) (~~was not~~) submitted on Form C-102 on April 25, 1952
(Cross out incorrect words)

and approval of the proposed plan (was) (~~was not~~) obtained. April 28, 1952

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Hole was filled with heavy mud from T.D. of 2818' back to 2300' where 5 sack cement plug was spotted. Filled with mud back to base of 7" O.D. casing at 1902' and spotted another 5 sack cement plug. After salvaging casing, hole was mudded back to 550' followed by 5 sacks cement. Mudded to surface and set and cemented regulation marker. Cleared location.

Witnessed by R. D. Collier
(Name)

Allied Supply Company
(Company)

(Title)

Approved: L. A. Hanson
OIL CONSERVATION COMMISSION

(Name)

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

Name Stanley Carper

Position Exec. Vice-Pres. & Treas.

Representing CARPER DRILLING CO., INC.

Address Artesia, New Mexico

OIL AND GAS INSPECTOR
(Title)

DEC 1 1952
(Date)

WELLBORE SCHEMATIC

Malony-Chambers

State #1

2390 FNL & 1070 FEL

Section 4-18s-28e

Eddy County, New Mexico

Ground Elevation:

Total Depth: 2,500 feet

API #30-015-02559

Date Drilled: 12/15/25

Date Plugged:

Casing:
Hole Size:
Depth:
Cement:

Casing:
Hole Size:
Depth:
Cement:

TD: 2500



WELLBORE SCHEMATIC

Frontier Petroleum
McQuiqq #5
1570 FSL & 1570 FEL
Section 4-18s-28e
Eddy County, New Mexico
Ground Elevation:
Total Depth: 2,408 feet
API #30-015-02565
Date Drilled: 12/23/25
Date Plugged: 10/60

Casing:
Hole Size:
Depth:
Cement:

10 sx @ surface

25 sx @ 300'

Casing:
Hole Size:
Depth:
Cement:

Cement from T D to 1950'

TD: 2408



NEW MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

RECEIVED

FORM C-103
(Rev. 3-65)

JUL 13 1960

Name of Company Graridge Corporation		Address P. O. Box 752 - Breckenridge, CO 80601	
Lease Eddy-Humble	Well No. 5	Unit Letter J	Section 4
Date Work Performed see below		Pool Artesia	County Eddy

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations ☐ Casing Test and Cement Job ☐ Other (Explain):
☒ Plugging ☐ Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

7-9-60 Placed 50 sacks of cement from T. D. to approximately 1950'. Filled hole with heavy mud to 300', spot 25 sacks cement from 300' and set marker with 10 sacks of cement in surface.

Witnessed by Paul Darnell	Position Superintendent	Company Graridge Corporation
------------------------------	----------------------------	---------------------------------

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P BTD	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPT	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION

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

Approved by <i>W. A. Gressett</i>	Name <i>A. C. Andrews Jr.</i>
Title OIL AND GAS INSPECTOR	Position - Production Clerk
Date SEP 15 1960	Company Graridge Corporation

FORM C-103

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

02565

MISCELLANEOUS REPORTS ON WELLS

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut-off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below:

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the

Frontier Petroleum Co., Lease Well No. 8 in the
NW SE of Sec. 4, T. 18, R. 28, N. M. P. M.,
Artesia Field, Eddy County.

The dates of this work were as follows:

Notice of intention to do the work was [was not] submitted on Form C-102 on May 9, 1937 1937
and approval of the proposed plan was [was not] obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Wood plug set at 2035 ft. on shoulder where hole was reduced, five sacks of
dumped, no salt, no water, hole filled to top and marker set.

DUPLICATE RECEIVED
JUL 2 1937

Witnessed by _____ Name _____ Company _____ Title _____

Subscribed and sworn to before me this

24 day of June, 1937
Archie A. Doolin
Notary Public

My Commission expires

May 14 1939

Remarks:

I hereby swear or affirm that the information given above is true and correct.

Name

Position

Representing

Address

Frontier Petroleum Co.
Manager
Artesia, N.M.

Guy Shepard
Name
Oil & Gas Inspector
Title

JUL 2 1937

WELLBORE SCHEMATIC

Sunray DX Oil
Bookman State #1
1570 FSL & 1070 FEL
Section 4-18s-28e
Eddy County, New Mexico
Ground Elevation:
Total Depth: 2,425 feet
API #30-015-02560
Date Drilled: 12/25/25
Date Plugged: 2/27/34

Casing: ?
Hole Size: ?
Depth: ?
Cement:

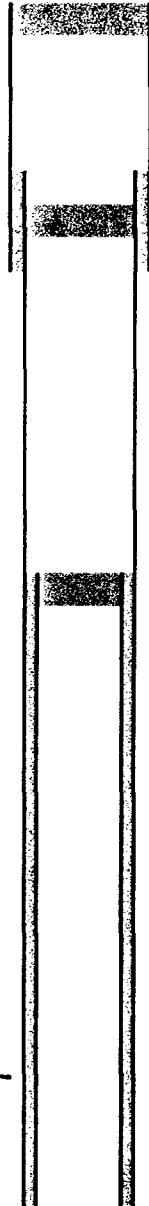
Plug #3 Surface na
Pulled casing to 400'

Plug #2 500' 5 sx

Casing: 6 5/8"
Hole Size:
Depth: 2425
Cement:

Pulled casing to 1450
Plug #1 1500' 5 sx

TD: 2425



Form SG 106

NEW MEXICO STATE LAND OFFICE
OFFICE OF THE STATE GEOLOGIST
SANTA FE, NEW MEXICO

30-015-02560

MISCELLANEOUS REPORTS ON WELLS

Submit this report in duplicate to the State Geologist or proper Oil and Gas Inspector within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of water shut-off, result of abandonment of well, and other important operations, even though the work was witnessed by the State Geologist or Oil and Gas Inspector. Reports on minor operations need not be signed and sworn to before a notary public, but such operations should be witnessed by an Oil and Gas Inspector if possible.

Indicate nature of report by checking below:

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF SHOOTING WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF WATER SHUT-OFF		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF ABANDONMENT OF WELL	☒		

Mr. E.H. Wells State Geologist,
Santa Fe, N. Mex.

Following is a report on the work done and the results obtained under the heading noted above at the

Blanche Beyl Beckman Well No. 1 in the
COMPANY OR OPERATOR LEASE
NE 1/4 Sec. 4, T. 18S, R. 28E, N. M. P. M.,
Artesia Oil Field, Hddy County.

The dates of this work were as follows: Feb. 23 to Feb. 27, 1934

Notice of intention to do the work was (~~submitted~~) submitted on Form SG 106 on
Feb. 20, 1934, and approval of the proposed plan was (~~was not~~) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Pulled 6-5/8 casing to 1450 filled hole to 1500' with mudladen fluid and put in 5 feet of rock and set 5 sacks of cement with dump bottom bailer pulled the casing to 400 feet and filled the hole with mudladen fluid to 500' and put in 5 ft. of rock and set 5 sacks of cement with dump bottom bailer pulled the rest of the casing and filled the hole to the top with mudladen fluid and put a piece of pip extending 4 feet above the surface as a permanent marker.

DUPLICATE

Subscribed and sworn to before me this

1st day of March, 1934
J. E. Percep
NOTARY PUBLIC

My commission expires Jan. 22, 1938

Remarks:

I hereby swear or affirm that the information given above is true and correct.

Name H. J. Wellman

Position Plugging Contractor

Representing Blanche Beyl

Address Box 223 Big Spring Tex.

MAR 2 - 1934

APPROVED AS O. K.

BY J. E. Percep

WELLBORE SCHEMATIC

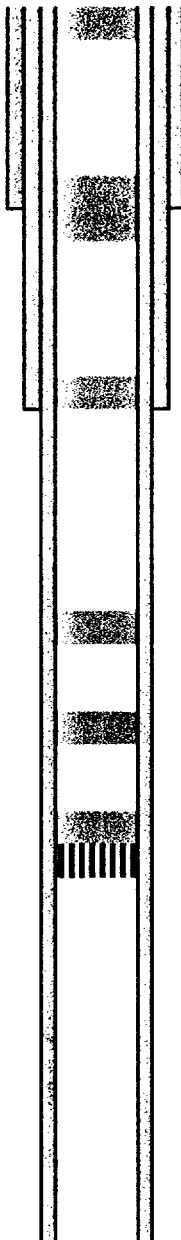
Amoco
 Empire South # 19
 2280 FNL & 660 FEL
 Section 36-17s-28e
 Eddy County, New Mexico
 Ground Elevation: 3692.9'
 Total Depth: 11,200' feet
 API #30-015-22543
 Date Drilled: 4/15/82
 Date Plugged: 12/3/86

Casing: 13 3/8"
 Hole Size:
 Depth: 289'
 Cement: 400 sx

Casing: 8 5/8"
 Hole Size:
 Depth: 2906'
 Cement: 1400 sx

Casing: 5 1/2"
 Hole Size:
 Depth: 11,200'
 Cement: 2300 sx

TD: 11,200'



Plug #6 0-80' 10 sx

Plug # 5 489-289 25 sx

Perf 3007-3006, set cement retainer at 2855.
 Pump 600 sx, circulate 35 sx, dump cement
 on top of retainer.

Plug #3 5295-5495 25 sx

Plug #2 6530 25 sx

Plug #1 7655-7690 na
 CIBP 7690'

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-7

30-015-22543

3a. Indicate Type of Lease
State ☒ Fee ☐
3. State Oil & Gas Lease No.

SUNDARY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG SITES TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT TO DRILL" (FORM C-101) FOR SUCH PROPOSALS.)	
1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER	7. Unit Agreement Name
2. Name of Operator Amoco Production Company	8. Form or Lease Name Empire South Deep Unit
3. Address of Operator P. O. Box 68 Hobbs, NM 88240	9. Well No. 19
4. Location of Well UNIT LETTER <u>H</u> <u>2280</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM <u>East</u> LINE, SECTION <u>36</u> TOWNSHIP <u>17-S</u> RANGE <u>28-E</u> <u>N.M.P.M.</u>	10. Field and Pool, or Wildcat <u>Empire South Wolfcamp</u>
11. Elevation (Show whether OF, RT, GR, etc.) 3692.9 RDB	12. County Eddy

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPER. ☐
CASING TEST AND CEMENT JOB ☐
OTHER ☐

ALTERING CASING ☐
PLUG AND ABANDONMENT ☒

17. 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.

MI-RUSU 11-26-86. POH w/production equip. RIH by wireline CIBP. Set at 7690 ft. RIH tubing. Test CIBP to 500#. OK. Circulate hole clean 170 bbls 10# brine water w/25# gel/bbl. Cap CIBP w/35 ft Class H neat cement. Pull to 6530 and spot 25 sacks cement (Class H neat) plug to 6340'. Pull up to 5495' and spot 25 sacks Class H cement plug to 5295'. Pull tubing. RIH w/3-1/8" casing gun and perf 3007' to 3006' 4 JSPF. RIH w/cement retainer and set at 2855. Establish inj rate 2-1/2 BPM at 300#. Pump 600 sx Class H cement and circulate 35 sacks cement. Sting out of retainer and dump cement on top of retainer. PU. Spot 25 sx Class H cement to 489-289. PU and spot 10 sx Class H cement plug 80 ft to surface. Dig out cellar. Cut off wellhead. Weld on PxA marker. Fill in cellar. RD-MOSU 12-3-86.

Post FD-2
12-26-86
RFA

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

SIGNED Steve Brownlee TITLE Admin. Analyst DATE 12-9-86

APPROVED BY Danell Mance TITLE Geologist DATE 6/2/87

CONDITIONS OF APPROVAL, IF ANY: