



1 of 3

**PERMIT RENEWAL APPLICATION
CLASS I NONHAZARDOUS WASTE INJECTION WELL
WDW NO. 1**

Volume 2 of 3

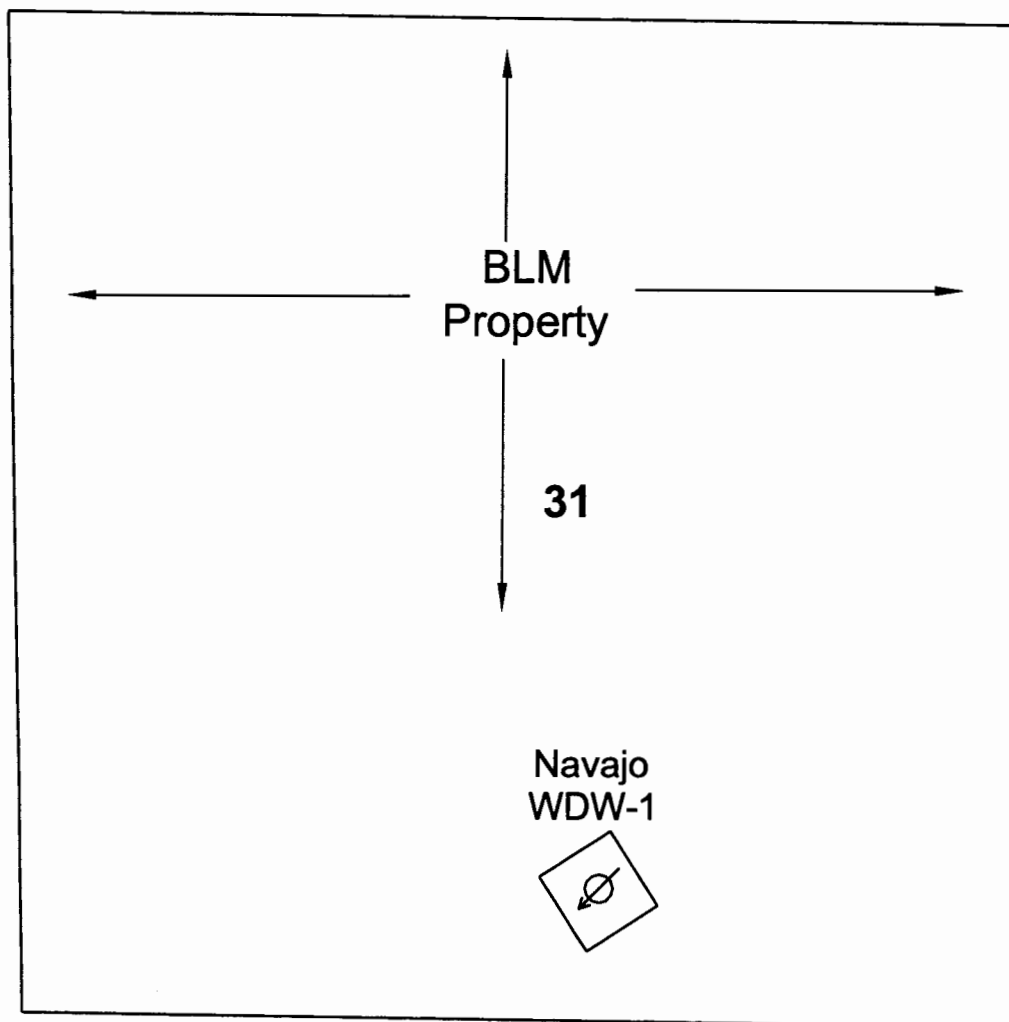
**NAVAJO REFINING COMPANY, L.L.C.
ARTESIA, NEW MEXICO
SUBSURFACE PROJECT NO. 60D6894**

**SUBSURFACE TECHNOLOGY, INC.
8212 KELWOOD AVE.
BATON ROUGE, LOUISIANA 70806
225-753-2561
PFBR@SUBSURFACEGROUP.COM**

MARCH 2013

APPENDIX A

SURROUNDING LAND OWNERSHIP INFORMATION



Section 31, Township 17 South, Range 28 East

NOTE: The U.S. Department of the Interior, Bureau of Land Management owns all land in Section 31, Township 17 South, Range 28 East. Navajo WDW-1 Class I Non-Hazardous Waste Injection well is located on land owned by the BLM.

SUBSURFACE		Houston, TX South Bend, IN Baton Rouge, LA
APPENDIX A		
NAVAJO REFINING COMPANY, L.L.C. ARTESIA, NEW MEXICO		
SURROUNDING LAND OWNERSHIP INFORMATION		
DATE: 01/09/13	CHECKED BY:	JOB NO: 80D6894
DRAWN BY: WDD	APPROVED BY:	DWG NO:

APPENDIX B

AREA OF REVIEW WELL FILES AND SCHEMATICS

SUBSURFACE

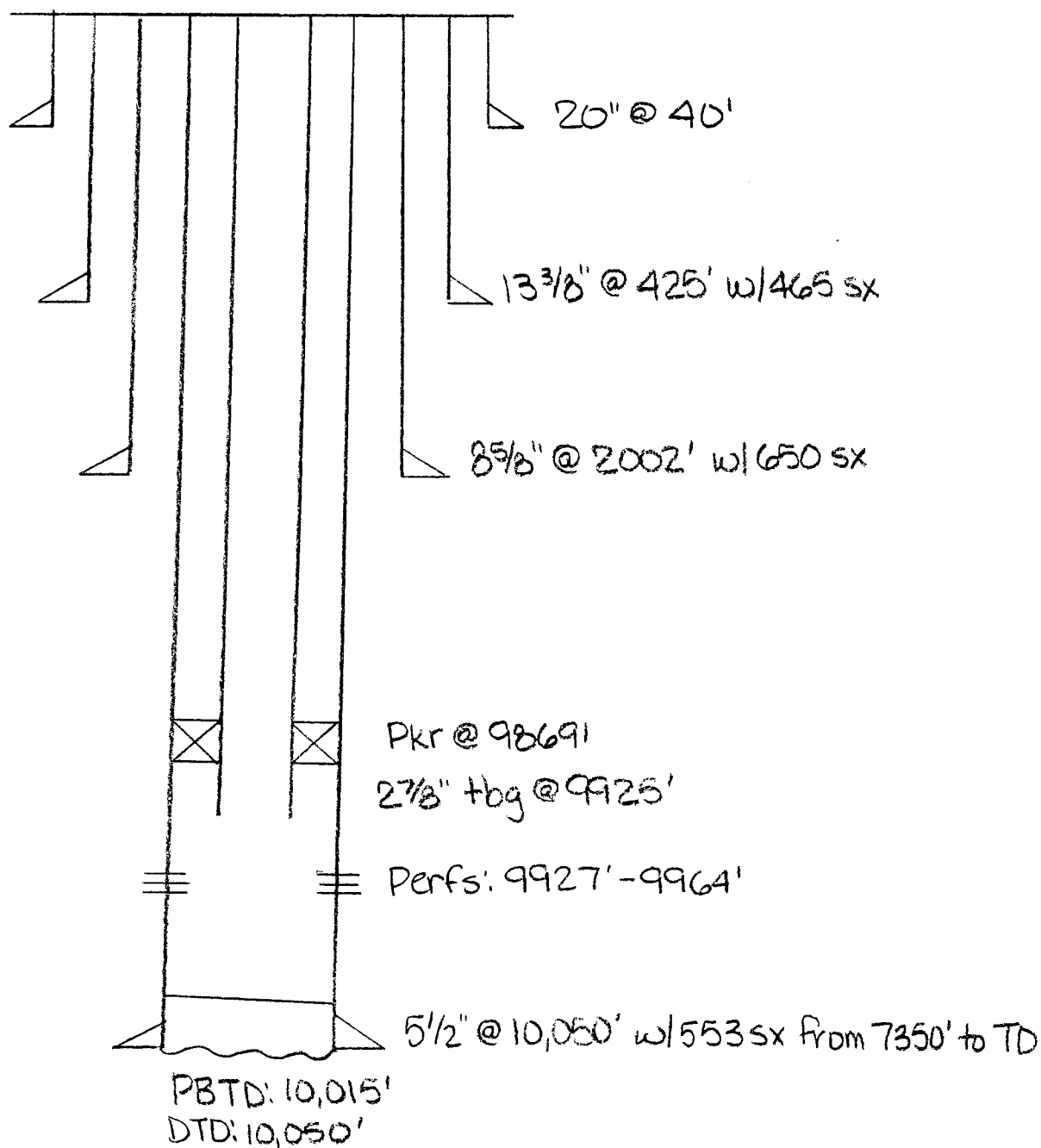
NAVAJO REFINING COMPANY, L.L.C.

Map ID No. 12

Artificial Penetration Review

OPERATOR LRE Operating, LLC
LEASE No Bluff 36 State Com
WELL NUMBER 2
DRILLED 3/19/01
PLUGGED NA

STATUS Active Gas
LOCATION Sec. 36-T 17S-R 27E
MUD FILLED BOREHOLE NA
INJECTION ZONE 7296'
API NO. 30-015-31123

REMARKS:

30-115-31123

Land - 148111
Prop - 25858
Foot - 78890

Geol. Tops per Bca

Bowers 845
Queen 1040
Grayburg 1372
San Andres 1733
Glorieta 3197
Tubb 4057

Alco 5018
Wolfcamp 6735
Cisco 8237
Canyon 8360
Strawn 8881
Atoka 9464
Morrow 9650

Comp Conf

Confidential
8-23-01

5-23-01

DLL/GR

4995-10003

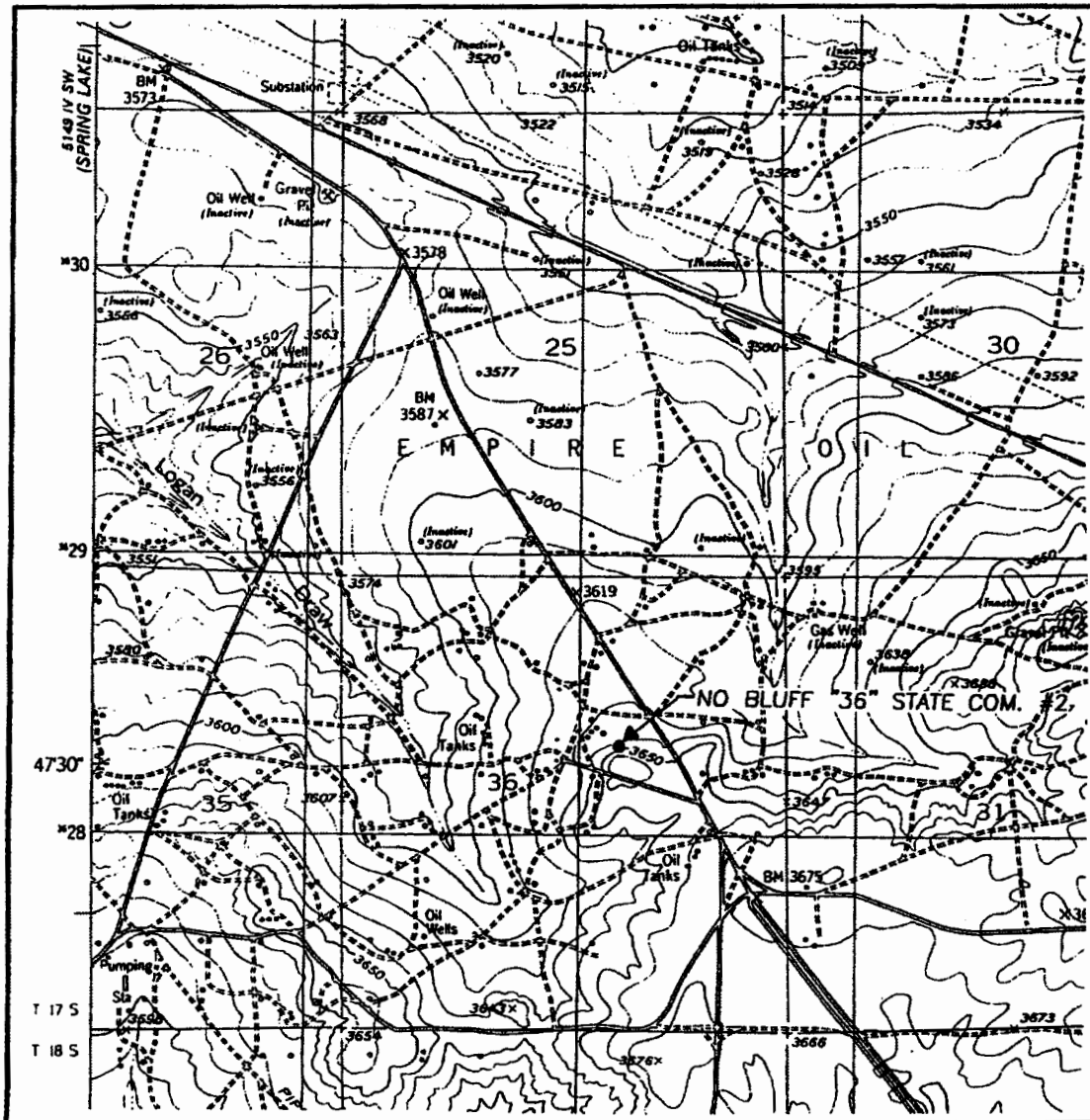
Comp Z-DL/Comp NEAT/GR

Surf-9984

... as / Reconverted Comp & Sh

⁶²
1990-10013

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
RED LAKE, N.M. - 10'

SEC. 36 TWP. 17-S RGE. 27-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 1980' FNL & 1980' FEL

ELEVATION 3639

OPERATOR SOUTHWESTERN ENERGY
PRODUCTION CO.

LEASE NO BLUFF "36" STATE COM.

U.S.G.S. TOPOGRAPHIC MAP
RED LAKE, N.M.

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117

[illegible]

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117

2000'-10,100' 13-5/8" 5000# double ram type preventers, 5000# annular preventer and rotating head body. Test all rams choke manifold, kill line upper and lower kelly valves to 3000 psi. A choke manifold and 120 gallon accumulator with floor and remote operating stations and auxiliary power system.

Any equipment failing to test satisfactorily, will be repaired or replaced. Results of the BOP test will be recorded in the Driller's Log.

The BOP's will be maintained ready for use until drilling operations are completed. BOP drills will be conducted as necessary to assure that equipment is operational and each crew is properly trained to carry out emergency duties.

Accumulator shall maintain a pressure capacity reserve at all times to provide for the close-open-close sequence of the blind and pipe rams of the hydraulic preventers.

GENERAL DRILLING PROGRAM- Attachment to Form C-101

Southwestern Energy Production Company- No Bluff "36" State Com. #2
1980' FNL 1980' FEL Section 36-T17S-R27E
Eddy County, New Mexico

Elevation: 3639' GR

Proposed Total Depth: 10,100'

Estimated Formation Tops

San Andres	1851'
Glorietta	3355'
Wolfcamp	6670'
Strawn	9030'
Morrow Clastics	9770'
Mississippian	10,000'

Casing/Cement Program

<u>Hole Size</u>	<u>Casing Size/Weight/Grade</u>	<u>Setting Depth</u>	<u>Cement</u>	<u>Est. TOC</u>
	20" Conductor pipe	40'	ready mix	surface
17-1/2"	13-3/8" 61# J-55 ST&C	425'	1500 sx 15:85 Poz: Class C + 0.25 pps D29+2% S1+2% D20	surface
12-1/4"	8-5/8" 32# J-55 ST&C	2000'	Lead: 1260 sx 35:65 Poz: Class C + 6% D20+ 0.25 pps D29 Tail: 235 sx Class C+ 2% S1 +0.25 pps D29	surface
7-7/8"	5-1/2" 17# N-80 LT&C	10,100'	860 sx 50:50 Poz: Class H + 6% D44 +2% D20+0.4% D59	8000'

Drilling Fluids Program

<u>Depth</u>	<u>Mud Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>	<u>Comments</u>
0-425'	8.4-8.6	32-34	NC	spud mud
425'-2000'	9.0-9.2	28-29	NC	cut brine water,paper,caustic
2000'-9300'	8.4-9.3	28-29	NC	cut brine,caustic,paper
9300'-10,100'	9.3-9.6	34-38	<15 cc	xanthan gum, starch

Blowout Prevention Program- Attachment to Form C-101

0'-425'	None
425'-2000'	20" 2000# annular preventer system.

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

DISTRICT II
P.O. Drawer 88, Artesia, NM 88211-0719

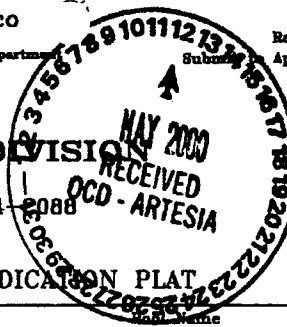
DISTRICT III
1000 Rio Brazos Rd., Artesia, NM 87410

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

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

Form C-102
Revised February 10, 1994
Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies



☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	
Property Code	Property Name NO BLUFF "36" STATE COM.	Well Number 2
OGRD No.	Operator Name SOUTHWESTERN ENERGY PRODUCTION CO.	Elevation 3639

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	36	17 S	27 E		1980	NORTH	1980	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.						

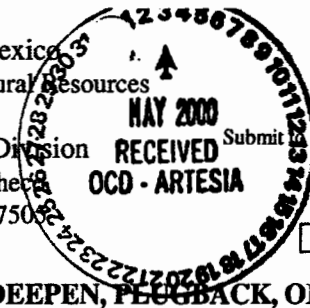
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature Cathy Rowan Printed Name Drilling Technician Title May 4, 2000 Date
	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. APRIL 19, 2000 Date Surveyed Signature & Seal of Professional Surveyor
	DATE SURVEYED APRIL 19, 2000 LMP
	CERTIFICATE NO. RONALD J. EIDSON 3239 GARY EIDSON 12641 MACON McDONALD 12185

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505



Form C-101
Revised March 17, 1999
Submit to appropriate District Office
State Lease 6 Copies
Fee Lease 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Southwestern Energy Production Company 2350 North Sam Houston Parkway East, Suite 300 Houston, TX 77032		² OGRID Number 148111
		³ API Number 30-015-31123
⁴ Property Code 25858	⁵ Property Name No Bluff "36" State Com.	⁶ Well No. 2

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	36	17S	27E		1980	North	1980	East	Eddy

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

⁹ Proposed Pool 1
Wildcat (Mississippian)

¹⁰ Proposed Pool 2

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3639
¹⁶ Multiple N	¹⁷ Proposed Depth 10,100'	¹⁸ Formation Mississippian	¹⁹ Contractor Patterson	²⁰ Spud Date 5/25/00 (est.)

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
26"	20"	Minimum WOC time	8hrs 40'	Ready Mix	Surface
17 - 1/2"	13 - 3/8"	61#	425'	1500	Surface
12 - 1/4"	8 5/8"	32#	2,000'	1,495	Surface
7 7/8"	5 1/2"	17#	10,100'	860	0,000 *

* Oper to cover all oil, gas & water bearing zones

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

**Notify OCD at SPUD & TIME
to witness cementing the
13 3/8" casing.**

SEE ATTACHMENT

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Cathy Rowan</i>		OIL CONSERVATION DIVISION	
Printed name: Cathy Rowan		Approved by: ORIGINAL SIGNED BY TIM W. GUN DISTRICT IV SUPERVISOR	
Title: Drilling Technician		Approval Date: MAY 03 2000 Expiration Date: MAY 03 2001	
Date: May 2, 2000	Phone: 281-618-4733	Conditions of Approval: Attached <input type="checkbox"/>	

REVENUE I
1625 E. French St., Hobbs, NM 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-162
Revised August 15, 2000
Submit to Appropriate District Office
State Leases - 4 Copies
Fee Leases - 3 Copies

REVENUE II
P.O. Drawer 88, Artesia, NM 88211-0719

REVENUE III
1625 E. French St., Hobbs, NM 88240

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

REVENUE IV
2040 South Pacheco, Santa Fe, NM 87505

XX AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-31123	Pool Code	Pool Name Wildcat (Mississippian)
Property Code 25858	Property Name NO BLUFF "36" STATE COM	Well Number 2
OGED No. 148111	Operator Name SOUTHWESTERN ENERGY PRODUCTION CO. /	Elevation 3634

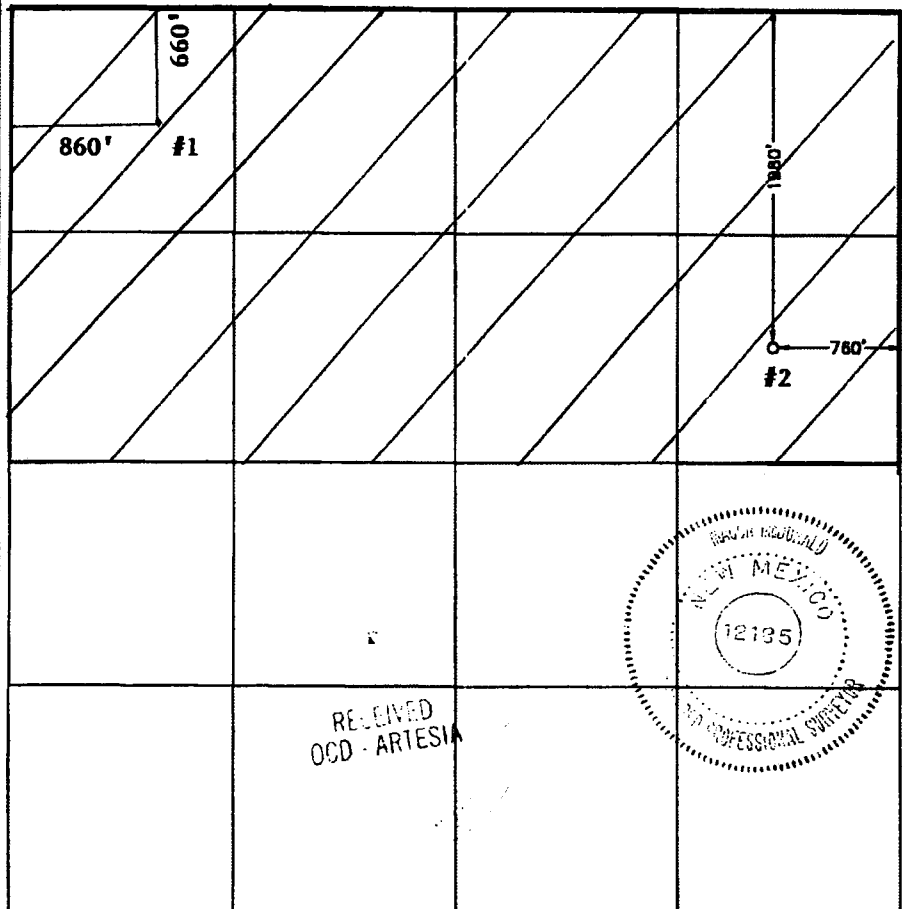
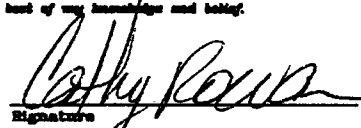
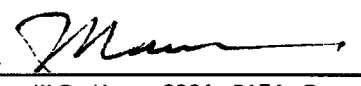
Surface Location

UL or lot No. H	Section 36	Township 17 S	Range 27 E	Lot 1/4	Feet from the 1980	North/South Line NORTH	Feet from the 760	East/West Line EAST	County EDDY
--------------------	---------------	------------------	---------------	---------	-----------------------	---------------------------	----------------------	------------------------	----------------

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot 1/4	Feet from the	North/South Line	Feet from the	East/West Line	County
Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.						

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

	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Cathy Rowan Printed Name Sr. Engineering Tech. Title March 1, 2001 Date
	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief. February 28, 2001 Date Surveyed Signature & Seal of Professional Surveyor  W.O. Num. 2001-0151-S Certificate No. WACON McDONALD 12185

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999
Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☒ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Southwestern Energy Production Company 2350 North Sam Houston Parkway East, Suite 300 Houston, TX 77032		² OGRID Number 148111
		³ API Number 30 - 015 - 31123
³ Property Code 25858	³ Property Name No Bluff "36" State Com.	⁶ Well No. 2

⁷ Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
#4	36	17S	27E		1980	North	760	East	Eddy

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

⁹ Proposed Pool 1 Wildcat (Mississippian)	¹⁰ Proposed Pool 2
--	-------------------------------

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3634
¹⁶ Multiple N	¹⁷ Proposed Depth 10,050'	¹⁸ Formation Mississippian	¹⁹ Contractor UTI	²⁰ Spud Date 04/01/01 (est.)

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
26"	20"		40'	Ready Mix	Surface
17 - 1/2"	13 - 3/8"	61#	425'	1500	Surface
12 - 1/4"	8 5/8"	32#	2,000'	1,495	Surface
7 7/8"	5 1/2"	17#	10,100'	860	8,000'

22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

SEE ATTACHMENT

NOTE: SL changed from 1980' FNL, 660' FEL to 1980' FNL, 760' FEL

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Cathy Rowan</i>		OIL CONSERVATION DIVISION 1500	
Printed name: Cathy Rowan		Approved by: ORIGINAL SIGNED BY TIM W. GUM DISTRICT II SUPERVISOR	
Title: Sr. Engineering Technician		Approval Date: MAR - 8 2001	Expiration Date: MAR - 8 2002
Date: March 1, 2001	Phone: 281-618-4733	Conditions of Approval: Attached <input type="checkbox"/>	

GENERAL DRILLING PROGRAM- Attachment to Form C-101

Southwestern Energy Production Company- No Bluff "36" State Com. #2
1980' FNL 760' FEL Section 36-T17S-R27E
Eddy County, New Mexico

Elevation: 3630' GR

Proposed Total Depth: 10,100'

Estimated Formation Tops

Yates	320'
7 Rivers	460'
Queen	1000'
Grayburg	1300'
San Andres 'D'	1784'
Glorieta	3160'
Wolfcamp	6470'
Strawn	8870'
Atoka	9430'
Morrow Lime	9544'
Morrow Clastics	9724'
Missippian	10,040'

Casing/Cement Program

<u>Hole Size</u>	<u>Casing Size/Weight/Grade</u>	<u>Setting Depth</u>	<u>Cement</u>	<u>Est. TOC</u>
	20" Conductor pipe	40'	ready mix	surface
17-1/2"	13-3/8" 61# J-55 ST&C	425'	550 sx 15:85 Poz: Class C + 0.25 pps D29+2% S1+2% D20	surface
12-1/4"	8-5/8" 32# J-55 ST&C	1900'	Lead: 700 sx 35:65 Poz: Class C + 6% D20+ 0.25 pps D29 Tail: 235 sx Class C+ 2% S1 +0.25 pps D29	surface
7-7/8"	5-1/2" 17# N-80 LT&C	10,050'	860 sx 50:50 Poz: Class H + 6% D44 +2% D20+0.4% D59	8000'

Drilling Fluids Program

<u>Depth</u>	<u>Mud Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>	<u>Comments</u>
0-425'	8.4-8.6	32-34	NC	spud mud
425'-1900'	9.0-9.2	28-29	NC	cut brine water,paper,caustic
1900'-9300'	8.4-9.3	28-29	NC	cut brine,caustic,paper
9300'-10,050'	9.3-9.6	34-38	<15 cc	xantham gum, starch

Blowout Prevention Program- Attachment to Form C-101

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-103
Revised March 25, 1999

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-31123
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Southwestern Energy Production Company		6. State Oil & Gas Lease No.
3. Address of Operator 2350 N. Sam Houston Parkway East, Suite 300 - Houston, TX 77032		7. Lease Name or Unit Agreement Name: No Bluff "36" State Com
4. Well Location Unit Letter <u>H</u> : <u>1980</u> feet from the <u>N</u> line and <u>760</u> feet from the <u>E</u> line Section <u>36</u> Township <u>17S</u> Range <u>27E</u> NMPM Eddy County		8. Well No. <u>2</u>
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 3634' GR		8. Pool name or Wildcat Wildcat (Mississippian)

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 ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: Completion ☒

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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

04/19/01 thru 04/28/01.

MI RU CU. Drl cmt. Tag TD. Corrected TD - 10,015'. Perf. L. Morrow from 9,927' - 9,964'. Swab. RD MO CU. WOPL.

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

SIGNATURE Cathy Rowan TITLE Sr. Engineering Technician DATE 05/21/01
Type or print name Cathy Rowan Telephone No. 281-618-4733

(This space for State use)

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

APPROVED BY _____ TITLE _____ DATE _____

Conditions of approval, if any:



Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

cisp
Form C-103
Revised March 25, 1999

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. <u>30-015-31123</u>
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Southwestern Energy Production Company		6. State Oil & Gas Lease No.
3. Address of Operator 2350 N. Sam Houston Parkway East, Suite 300 -- Houston, TX 77032		7. Lease Name or Unit Agreement Name: No Bluff "36" State Com
4. Well Location Unit Letter <u>H</u> : <u>1980</u> feet from the <u>N</u> line and <u>760</u> feet from the <u>E</u> line Section <u>36</u> Township <u>17S</u> Range <u>27E</u> NMPM <u>Eddy</u> County		8. Well No. <u>2</u>
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 3634' GR		8. Pool name or Wildcat Wildcat (Mississippian)

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>
OTHER: <input type="checkbox"/>	OTHER: <input type="checkbox"/>

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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

03/21/01 thru 03/23/01

Drl to 2002'. Run 45 jts -8-5/8" 32#, J-55 csg to 2002'. Cmt lead w/500 sx 35/65 Poz "C" + 5% D44 BWOW + 6% D20 + 0.25 PPS D29. Cmt tail w/150 sx Class "C" + 2% S1 + 0.25 pps D29. Circ to surf. WOC 18 hrs. Tst csg. OK.

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

SIGNATURE Vonnie J. Cermin TITLE Drilling Technician DATE 03/27/01
Type or print name Vonnie J. Cermin Telephone No. 281-618-4739

(This space for State use)

APPROVED BY ORIGINAL SIGNED BY TITLE DISTRICT II SUPERVISOR DATE APR 25 2001
Conditions of approval, if any:

Submit 3 Copies To Appropriate District Office

District I

1625 N. French Dr., Hobbs, NM 88240

District II

811 South First, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

450

Form C-103
Revised March 25, 1999

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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	7. Lease Name or Unit Agreement Name: No Bluff "36" State Com
2. Name of Operator Southwestern Energy Production Company	8. Well No. 2
3. Address of Operator 2350 N. Sam Houston Parkway East, Suite 300 -- Houston, TX 77032	8. Pool name or Wildcat Wildcat (Mississippian)
4. Well Location Unit Letter <u>H</u> : <u>1980</u> feet from the <u>N</u> line and <u>760</u> feet from the <u>E</u> line Section <u>36</u> Township <u>17S</u> Range <u>27E</u> NMPM <u>Eddy</u> County	
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 3634' 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 ☐ MULTIPLE COMPLETION ☐

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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

03/23/01 thru 04/16/01

Drl to 10,050'. Log. Run SW Cores. Run 232 jts -5 1/2" 17#, N-80 csg to 10,050'. Cmt w/553 sx 35/65 Poz "C" + 5% D44 BWOW + 6% D20 + .1 PPS D130. Calc. TOC @ 7,350'. Release rig @ 2100 CST on 4/16/01. WOCU.



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

SIGNATURE Cathy Rowan TITLE Sr. Engineering Technician DATE 05/21/01

Type or print name Cathy Rowan Telephone No. 281-618-4733

(This space for State use)

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

APPROVED BY [Signature] TITLE _____ DATE JUL 05 2001
Conditions of approval, if any:

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources
OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-104
Revised March 25, 1999

Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Southwestern Energy Production Company 2350 N. Sam Houston Parkway East, Suite 300 - Houston, TX 77032		² OGRID Number 14811
		³ Reason for Filing Code NW
⁴ API Number 30 - 015-31123	⁵ Pool Name Illinois Camp	⁶ Pool Code 78810
⁷ Property Code 25858	⁸ Property Name No Bluff State Com.	⁹ Well Number 2

II. ¹⁰ Surface Location

UL or lot no. H	Section 36	Township 17S	Range 27E	Lot Idn	Feet from the 1980	North/South Line North	Feet from the 760	East/West line East	County Eddy
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¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Lse Code S	¹³ Producing Method Code Flowing	¹⁴ Gas Connection Date 5/17/01	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID 36785	¹⁹ Transporter Name and Address Duke Energy Field Services	²⁰ POD 2829026	²¹ O/G G	²² POD ULSTR Location and Description

IV. Produced Water

²³ POD	²⁴ POD ULSTR Location and Description
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V. Well Completion Data

²⁵ Spud Date 3/19/01	²⁶ Ready Date 4/28/01	²⁷ TD 10,050'	²⁸ PBDT 10,015'	²⁹ Perforations 9,927' - 9,964'	³⁰ DHC, MC
³¹ Hole Size 17 1/2"	³² Casing & Tubing Size 13 3/8", 61#	³³ Depth Set 425'	³⁴ Sacks Cement 465		
12 1/2"	8 5/8", 32#	2,002'	650		
7 7/8"	5 1/2", 17#	10,050'	553		
	2 7/8" TBG	9,925'			

VI. Well Test Data

³⁵ Date New Oil n/a	³⁶ Gas Delivery Date 5/17/01	³⁷ Test Date 5/19/01	³⁸ Test Length 24 HRS	³⁹ Tbg. Pressure 4	⁴⁰ Csg. Pressure 0
⁴¹ Choke Size open	⁴² Oil 0	⁴³ Water 0	⁴⁴ Gas 250 MCF	⁴⁵ AOF	⁴⁶ Test Method F

⁴⁷ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Cathy Rowan*

Printed name: **Cathy Rowan**

Title: **Sr. Engineering Technician**

Date: **05/21/01**

Phone: **(281) 618-4733**

OIL CONSERVATION DIVISION

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

Approved by:

Title:

Approval Date:

JUL 05 2001

⁴⁸ If this is a change of operator fill in the OGRID number and name of the previous operator

Arrant, Bryan

From: Arrant, Bryan
Sent: Monday, July 15, 2002 1:37 PM
To: Jones, William V
Cc: Gum, Tim
Subject: RE: No Bluff "36" State Com Well No. 2 API: 30-015-31123

Will,

I briefly looked into the area surrounding the Bluff 36 State Com. #2 well and I see that there is Abo production immediately to the south of this well.

The operator should have brought cement to cover the Abo. As you indicated with operators permitting Glorieta-Yeso wells in this area, possibly cement up through these formations also. Once you issue an order, we will take steps and have SW Energy perf and squeeze their production casing to meet OCD requirements. If you have other plans or concerns, please advise.

Bryan

-----Original Message-----

From: Jones, William V
Sent: Thursday, July 11, 2002 8:50 AM
To: Gum, Tim
Cc: Arrant, Bryan; Catanach, David
Subject: No Bluff "36" State Com Well No. 2 API: 30-015-31123

Hello Tim:

I thought I would send an email with all the facts as I have found them:

This well was drilled and 5.5 inch set to 10050' (to the Mississippian) on 4/16/01. They only used 553 sx of cement and calc cement top at 7,350'. Many operators in this area to this depth have used 2 stage tools and cemented 2000 sacks total in 3 stages. I see OCD instructions in the file 5/3/2000 for the operator (Southwestern Energy Production Company) to "cover all oil, gas, and water bearing zones".

I think there are other productive zones. For instance, the Jeffers 36 St #003 (api: 30-015-31541) and other wells have been permitted to 4000' in this area with the Glorieta or SA as the objective. There is also some 500' shallow Yates production that is played out already.

The reason I found this:

I am looking at an SWD application from Mack Energy. They have drilled a new well and want to complete the Beech Federal #003 for SWD in the Abo at 5000'. The No Bluff 36 State Com #2 is in the Area of Review with cement top below the Abo.

Please let me know what action you will take on this - so I can determine how to proceed with Mack's application.

Regards,

Will Jones

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

WELL API NO. 30-015-31123

5. Indicate Type of Lease

STATE ☒ FEE ☐

State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

b. Type of Completion:
NEW ☒ WORK ☐ PLUG ☐ DIFF. ☐
WELL OVER ☐ DEEPEN ☐ BACK ☐ RESVR. ☐ OTHER _____

7. Lease Name or Unit Agreement Name

No Bluff State Com.

2. Name of Operator

Southwestern Energy Production Company

8. Well No.

2

3. Address of Operator

2350 N. Sam Houston Parkway East, Suite 300 - Houston, TX 77032

9. Pool name or Wildcat

Wildcat/Mississippi

N ILLINOIS
Camp Morrow

4. Well Location

Unit Letter H : 1980 Feet From The N Line and 760 Feet From The E Line

Section 36 Township 17S Range 27E NMPM Eddy County

10. Date Spudded 11. Date T.D. Reached 12. Date Compl. (Ready to Prod.) 13. Elevations (DF& RKB, RT, GR, etc.) 14. Elev. Casinghead

03/19/01 04/14/01 04/28/01 3,634' GR
15. Total Depth 16. Plug Back T.D. 17. If Multiple Compl. How Many 18. Intervals Rotary Tools Cable Tools
10,050' 10,015' Zones? Drilled By 0 - 10,050'

19. Producing Interval(s), of this completion - Top, Bottom, Name

9,927' - 9,964' L Morrow

20. Was Directional Survey Made
Yes

21. Type Electric and Other Logs Run
Combo

21. Was Well Cored

Yes

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	61#	425'	17 1/2"	465 sx	
8 5/8"	32#	2,002'	12 1/4"	650 sx	
5 1/2"	17#	10,050'	7 7/8"	553 sx	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8"	9,925'	9,869'

26. Perforation record (interval, size, and number)

9,927' - 9,964' 6 SPF, 37', 222 shots

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

28. PRODUCTION

Date First Production 05/17/01		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing			Well Status (Prod. or Shut-in) Prod.	
Date of Test 05/19/01	Hours Tested 24	Choke Size open	Prod'n For Test Period 0	Oil - Bbl 0	Gas - MCF 250	Water - Bbl 0
Flow Tubing Press. 4	Casing Pressure 0	Calculated 24-Hour Rate 0	Oil - Bbl 0	Gas - MCF 250	Water - Bbl 0	Oil Gravity - API - (Corr.)

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Test Witnessed By

Sold

30. List Attachments
logs, inclinational survey

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature

Printed

Name Cathy Rowan

Title Sr. Engineering Technician

Date 05/21/01

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy	
T. Salt	
B. Salt	
T. Yates	
T. 7 Rivers	
T. Queen	
T. Grayburg	
T. San Andres	
T. Glorieta	3199
T. Paddock	
T. Blinebry	
T. Tubb	4059
T. Drinkard	
T. Abo	5018
T. Wolfcamp	6740
T. Penn	
T. Cisco (Bough C)	8242

T. Canyon	8350
T. Strawn	8881
T. Atoka	9464
T. Miss	
T. Devonian	
T. Silurian	
T. Montoya	
T. Simpson	
T. McKee	
T. Ellenburger	
T. Gr. Wash	
T. Delaware Sand	
T. Bone Springs	
T.	
T.	
T.	
T.	

Northwestern New Mexico

T. Ojo Alamo
T. Kirtland-Fruitland
T. Pictured Cliffs
T. Cliff House
T. Menefee
T. Point Lookout
T. Mancos
T. Gallup
Base Greenhorn
T. Dakota
T. Morrison
T. Todilto
T. Entrada
T. Wingate
T. Chinle
T. Permian
T. Penn "A"

T. Penn. "B"
T. Penn. "C"
T. Penn. "D"
T. Leadville
T. Madison
T. Elbert
T. McCracken
T. Ignacio Otzte
T. Granite
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OIL OR GAS SANDS OR ZONES

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

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

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

No. 4, 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.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology
5000	5290	290	Dolomite
5290	5310	20	No sample
5310	5500	190	Dolomite w/tr of shale
5500	5520	20	No sample
5520	6730	1210	Dolomite w/tr of shale
6730	7480	750	Dolomite w/tr of ls & shale
7480	9140	1660	Dolomite w/ls, chert, & shale
9140	10040	910	Dolomite w/tr of ss, sh ls

Deviation surveys taken on Southwestern Energy Production Company's No
Bluff "36" State Com #2 well in Eddy County, New Mexico:

<u>Depth</u>	<u>Degree</u>
190	1.00
302	.75
395	1.00
492	.75
765	.50
1042	.75
1319	.75
1645	.75
1845	.75
1950	1.00
2166	2.00
2256	1.50
2412	1.75
2597	1.75
2784	2.00
3084	2.00
3372	2.00
3591	2.00
3839	2.00
4119	2.00
4210	2.25
4303	2.75
4365	2.50
4521	3.00
4614	2.75
4707	2.50
4798	2.75
4891	3.00
4983	3.00
5133	2.75
5227	3.00
5414	3.00
5662	2.75
5822	3.00
6063	3.00
6249	3.00
6374	2.50
6469	2.75
6807	1.50
7240	2.00
7450	2.25
7741	2.25
7986	2.75
8140	2.00
8450	1.00
8849	1.50

9098	1.00
9501	.50
9870	1.75

I hereby certify that I have personal knowledge of the facts placed on this sheet and that such information given above is true and complete.

John W. Norton
Patterson-UTI Drilling Co., LP, LLLP

Before me, the undersigned authority, on this day personally appeared John W. Norton, known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is the drilling contractor of the well identified in this instrument and that such well was not intentionally deviated from the vertical whatsoever.

John W. Norton
John W. Norton

SWORN AND SUBSCRIBED TO before me this 21st day of May 2001.



Pat Farrell
Notary Public in and for
Lubbock County, Texas.

C104AReport

Page 1 of 1

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(505) 393-6161 Fax:(505) 393-0720
District II
1301 W. Grand Ave., Artesia, NM 88210
Phone:(505) 748-1283 Fax:(505) 748-9720

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-145
Permit 76583

Change of Operator

Previous Operator Information


OGRID: 148111
Name: SOUTHWESTERN ENERGY
PRODUCTION COMPANY
Address: 2350 N. SAM HOUSTON PKWY E
Address: SUITE 300
City, State, Zip: HOUSTON, TX 77032

New Operator Information

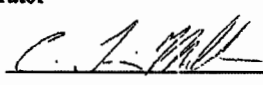
Effective Date: 8/15/2008
OGRID: 255333
Name: LIME ROCK RESOURCES A, L.P.
Address: 1111 BAGBY STREET
Address: SUITE 4600
City, State, Zip: HOUSTON, TX 77002

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information on this form and the certified list of wells is true to the best of my knowledge and belief.

Previous Operator

Signature: 
Printed Name: Jim Dewbre
Title: V.P. LAND
Date: 10/29/08 Phone: 281-618-4711

New Operator

Signature: 
Printed Name: C. Tim Miller
Title: Vice President - Operations
Date: 10/29/08 Phone: 713-292-7514

NMOCD Approval

Electronic Signature: Paul Kautz, District 1

Electronic Signature: Jane Prouty, District 2

Date: October 29, 2008

ChangeOp Comments

OGRID: [148111] SOUTHWESTERN ENERGY PRODUCTION COMPANY

Permit Number: 76583

Permit Type: ChangeOp

Created By	Comment	Comment Date
DPHILLIPS	I show a bond in your Financial Assurance report that requires bonding - 30-015-31552. I cannot approve the change of operator until bonding for this well is received. Questions? Call me 478-3461.	10/9/2008
DMULL	The form C-145 that is attached is the wrong one. The Permit number that is required to be signed and attached should be 76583, and not 80162. Please send the correct, signed permit number 76583 and then resubmit. If you have questions on this matter, please call Donna Mull (575) 393-6161 ext 115.	10/23/2008

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural
Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-145
August 1, 2011
Permit 140504

Change of Operator

Previous Operator Information

OGRID: 255333
Name: LIME ROCK RESOURCES A, L.P.
Address: 1111 Bagby Street
Suite 4600
City, State, Zip: Houston, TX 77002

New Operator Information

Effective Date: Effective on the date of approval by the OCD
OGRID: 281994
Name: LRE OPERATING, LLC
Address: 1111 Bagby
Suite 4600
City, State, Zip: Houston, TX 77002

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information on this form and the certified list of wells is true to the best of my knowledge and belief.

Additionally, by signing below, LRE OPERATING, LLC certifies that it has read and understands the following synopsis of applicable rules.

PREVIOUS OPERATOR certifies that all below-grade tanks constructed and installed prior to June 16, 2008 associated with the selected wells being transferred are either (1) in compliance with 19.15.17 NMAC, (2) have been closed pursuant to 19.15.17.13 NMAC or (3) have been retrofitted to comply with Paragraphs 1 through 4 of 19.15.17.11(I) NMAC.

LRE OPERATING, LLC understands that the OCD's approval of this operator change:

1. constitutes approval of the transfer of the permit for any permitted pit, below-grade tank or closed-loop system associated with the selected wells; and
2. constitutes approval of the transfer of any below-grade tanks constructed and installed prior to June 16, 2008 associated with the selected wells, regardless of whether the transferor has disclosed the existence of those below-grade tanks to the transferee or to the OCD, and regardless of whether the below-grade tanks are in compliance with 19.15.17 NMAC.

As the operator of record of wells in New Mexico, LRE OPERATING, LLC agrees to the following statements:

1. I am responsible for ensuring that the wells and related facilities comply with applicable statutes and rules, and am responsible for all regulatory filings with the OCD. I am responsible for knowing all applicable statutes and rules, not just the rules referenced in this list. I understand that the OCD's rules are available on the OCD website under "Rules," and that the Water Quality Control Commission rules are available on the OCD website on the "Publications" page.
2. I understand that if I acquire wells from another operator, the OCD must approve the operator change before I begin operating those wells. See 19.15.9.9.B NMAC. I understand that if I acquire wells or facilities subject to a compliance order addressing inactive wells or environmental cleanup, before the OCD will approve the operator change it may require me to enter into an enforceable agreement to return those wells to compliance. See 19.15.9.9.C(2) NMAC.
3. I must file a monthly C-115 report showing production for each non-plugged well completion for which the OCD has approved an allowable and authorization to transport, and injection for each injection well. See 19.15.7.24 NMAC. I understand that the OCD may cancel my authority to transport from or inject into all the wells I operate if I fail to file C-115 reports. See 19.15.7.24.C NMAC.
4. I understand that New Mexico requires wells that have been inactive for certain time periods to be plugged or placed on approved temporary abandonment. See 19.15.25.8 NMAC. I understand the requirements for plugging and approved temporary abandonment in 19.15.25 NMAC. I understand that I can check my compliance with the basic requirements of 19.15.25.8 NMAC by using the "Inactive Well List" on OCD's website.
5. I must keep current with financial assurances for well plugging. I understand that New Mexico requires each state or fee well that has been inactive for more than two years and has not been plugged and released to be covered by a single-well financial assurance, even if the well is also covered by a blanket financial assurance and even if the well is on approved temporary abandonment status. See 19.15.8.9.C NMAC. I understand that I can check my compliance with the single-well financial assurance requirement by using the "Inactive Well Additional Financial Assurance Report" on the OCD's website.
6. I am responsible for reporting releases as defined by 19.15.29 NMAC. I understand the OCD will look to me as the operator of record to take corrective action for releases at my wells and related facilities, including releases that occurred before I became operator of record.
7. I have read 19.15.5.9 NMAC, commonly known as "Part 5.9," and understand that to be in compliance with its requirements I must have the appropriate financial assurances in place, comply with orders requiring corrective action, pay penalties assessed by the courts or agreed to by me in a settlement agreement, and not have too many wells out of compliance with the inactive well rule (19.15.25.8 NMAC). If I am in violation of Part 5.9, I may not be allowed to drill, acquire or produce any additional wells, and will not be able to obtain any new injection permits. See 19.15.16.19 NMAC, 19.15.26.8 NMAC, 19.15.9.9 NMAC and 19.15.14.10 NMAC. If I am in violation of Part 5.9 the OCD may, after notice and hearing, revoke my existing injection permits. See 19.15.26.8 NMAC.
8. For injection wells, I understand that I must report injection on my monthly C-115 report and must operate my wells in compliance with 19.15.26 NMAC and the terms of my injection permit. I understand that I must conduct mechanical integrity tests on my injection wells at least once every five years. See 19.15.26.11 NMAC. I understand that when there is a continuous one-year period of non-injection into all wells in an injection or storage project or into a saltwater disposal well or special purpose injection well, authority for that injection automatically terminates. See 19.15.26.12 NMAC. I understand that if I transfer operation of an injection well to another operator, the OCD must approve the transfer of authority to inject, and the OCD may require me to demonstrate the well's mechanical integrity prior to approving that transfer. See 19.15.26.15 NMAC.

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【附註】

Salz

STEP

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FACE

题图

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2011

1944

1500

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1992

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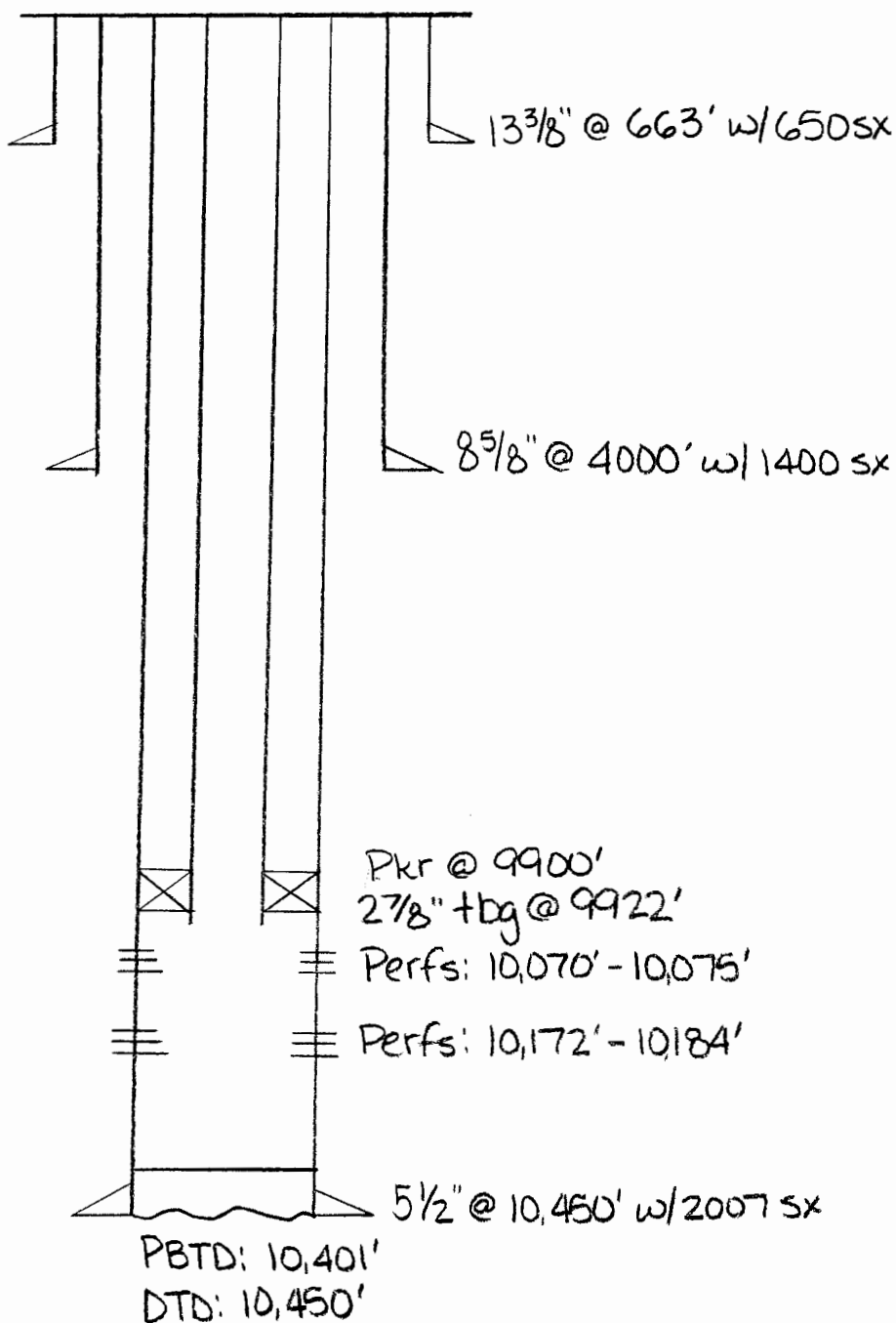
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SUBSURFACE

NAVAJO REFINING COMPANY, L.L.C.
Map ID No. 78
Artificial Penetration Review

OPERATOR Conoco Phillips Co.
LEASE Illinois Camp A. Corn
WELL NUMBER 1
DRILLED 5/28/83
PLUGGED NA

STATUS Active - Gas
LOCATION Sec. 5-T 18S-R 28E
MUD FILLED BOREHOLE NA
INJECTION ZONE 6492'
API NO. 30-015-24485

REMARKS:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-103
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

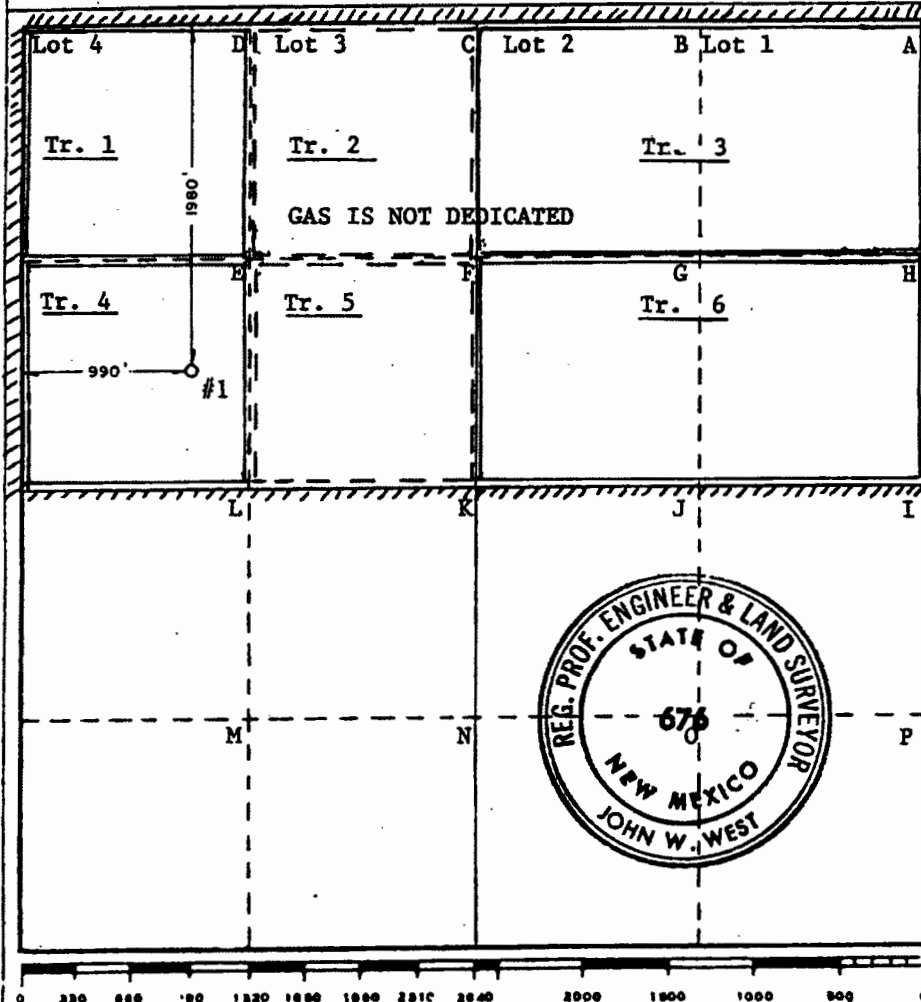
Operator Phillips Oil Company			Lease Illinois Camp "A" Com.		Well No. 1
Unit Letter E	Section 5	Township 18 South	Range 28 East	County Eddy	
Actual Footage Location of Well: 1980 feet from the north line and 990 feet from the west line					
Ground Level Elev. advise later	Producing Formation Morrow		Pool Wildcat	Dedicated Acreage: 320.88 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). SEE REVERSE SIDE
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation COMMUNITIZATION

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Name
W. J. Mueller

Position
Sr. Engineering Specialist

Company
PHILLIPS OIL COMPANY

Date
May 20, 1983

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

Date Surveyed
May 20, 1983

Registered Professional Engineer and/or Land Surveyor

Certificate No.
John W. West, NM L.S. No. 676

Tract 1 (Lot 4) - NW/4 NW/4 Section 5, T-18-S, R-28-E, Eddy County, New Mexico

Working Interest Owners:

Holly Energy, Inc.	29.16667 %
Read & Stevens, Inc.	4.16667 %
Amoco Prod. Co.	20.00000 %
American Petrofina Co. of Texas	11.11111 %
Rogers Aston, et al	22.22222 %
Rogers Aston & The First Nation Bank in Dallas, Co-Trustees of the "C"	
Trusts U/W of Bert Aston, Dec'd.	11.11111 %
Rogers Aston	3.70370 %
Charles Albert Aston	3.70370 %
Lincoln Aston	3.70370 %

Royalty Interest Owner: State of New Mexico, Lease No. B-11594

Tract 2 (Lot 3) - NE/4 NW/4 Section 5, T-18-S, R-28-E, Eddy County, New Mexico

Working Interest Owners:

Amoco Prod. Co.	50.00000 %
Cities Service Co.	47.39584 %
Tracy Clark	1.30208 %
Robert E. Boling & Mary Z. Boling	1.30208 %

Royalty Interest Owner: State of New Mexico, Lease No. 647

Tract 3 (Lots 1 and 2) - N/2 NE/4 Section 5, T-18-S, R-28-E, Eddy County, New Mexico

Working Interest Owner:

Amoco Prod. Co.	100 %
-----------------	-------

Royalty Interest Owner: State of New Mexico, Lease No. B-3823

Tract 4 - SW/4 NW/4 Section 5, T-18-S, R-28-E, Eddy County, New Mexico

Working Interest Owner:

Aminoil USA, Inc.	100 %
-------------------	-------

Royalty Interest Owner: State of New Mexico, Lease No. E-7179

Tract 5 - SE/4 NW/4 Section 5, T-18-S, R-28-E, Eddy County, New Mexico

Working Interest Owner:

Tenneco Oil Co.	100 %
-----------------	-------

Royalty Interest Owner: State of New Mexico, Lease No. E-2715

Tract 6 - S/2 NE/4 Section 5, T-18-S, R-28-E, Eddy County, New Mexico

Working Interest Owners:

Marathon Oil Co.	75 %
Cities Service Co.	25 %

Royalty Interest Owner: State of New Mexico, Lease No. 647

Phillips Oil Company ownership in the above leasehold will be earned through previously executed Farmout Agreements with Marathon Oil Company, Aminoil USA, Inc. and Southland Royalty Co.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

IL CONSERVATION DIVISION
P. O. BOX 2088
MAY 23 1983
SANTA FE, NEW MEXICO 87501
O. C. D.
ARTESIA, OFFICE
API # 30-015-

Form C-101
Revised 10-1-78

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FILE	
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LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☒ REC ☐
5. State Oil & Gas Lease No.
E-7179

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name	
2. Name of Operator Phillips Oil Company		Illinois Camp A COM	
3. Address of Operator Room 401, 4001 Penbrook Street, Odessa, Texas 79762		9. Well No.	
4. Location of Well UNIT LETTER <u>E</u> LOCATED <u>1980</u> FEET FROM THE <u>north</u> LINE AND <u>990</u> FEET FROM THE <u>west</u> LINE OF SEC. <u>5</u> TWP. <u>18-S</u> REC. <u>28-E</u> NMPIA		10. Field and Pool, or Wildcat <u>Undesignated Morrow GAS</u>	
11. Elevations (Show whether DP, RT, etc.) advise later		12. County Eddy	
21A. Kind & Status Plug. Bond blanket		19. Proposed Depth 10,500'	
21B. Drilling Contractor advise later		19A. Formation Morrow	
22. Approx. Date Work will start upon approval		20. Rotary or C.T. Rotary	

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/4"	13 3/8"	54.5# K-55	650'	800 sx C1 C	Circ at surface
11"	8 5/8"	32# K-55	3150'	8000 sx C1 C	Circ at surface
7 7/8"	5 1-2"	17#, 20#, N-80	10,500'	2000 sx C1 C	Sufficient to tie into intermediate casing string

UNORTHODOX LOCATION - Case No. 7876 T&MC. APPROVAL - SF 5/24/83

Use mud additives as required for control

BOP Eqpt.: 5000# WP, double gate w/one annular preventer

GAS IS NOT DEDICATED.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 11/29/83
UNLESS DRILLING UNDERWAY

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE SHUT-IN PREVENTER PROGRAM, IF ANY.

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

Signed [Signature] Title Senior Engineering Advisor Date 5-20-83
(This space for State Use)

Original Signed by
Ladislav A. Clements
Supervisor District #

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

MAY 22 1983

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
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LAND OFFICE	
OPERATOR	<input checked="" type="checkbox"/>

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

O. C. D.
ARTESIA, OFFICE

API No. 30-015-

3a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. E-7179
7. Unit Agreement Name
8. Farm or Lease Name Illinois Camp A COM
9. Well No. 1
10. Field and Pool, or Wildcat Empire Penn Morrow Gas
12. County Eddy

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.)

OIL WELL <input type="checkbox"/>	CAS WELL <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>
Name of Operator Phillips Oil Company		
Address of Operator Room 401, 4001 Penbrook, Odessa, Texas 79762		
Location of Well UNIT LETTER <u>E</u> , <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>990</u> FEET FROM THE <u>West</u> LINE, SECTION <u>5</u> TOWNSHIP <u>18-S</u> RANGE <u>28-E</u> NMPM.		

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

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

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPWS. <input checked="" type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>	
		OTHER <u>Total Depth</u> <input checked="" type="checkbox"/>	

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.

5-30-83: MI & RU MGF drlg rig. Spudded 17-1/2" hole 5-28-83. Set 16 jts of 13-3/8" 54.5 K-55 Buttress csg @ 663'. Howco cmdt w/650 sx class "C" w/2% CaCl + 1/4# Flocele/sx. Circd 169 sx to pit. Total WOC 18 hrs. Tstd BOP to 600# for 30 mins, OK.

5-31 thru
6-9-83: Drlg.

6-10,11,12-83: Set 94 jts of 8-5/8", 32#, k-55. ST & C scg @ 4000'. Howco cmdt w/1400 sx Class C w/20% DD, 3#/sx Gilsonite & 1/4#/sx Flocele followed by 200 sx Class C. Circd 300 sx to surface. Total WOC 18 hrs. Tstd BOP to 3000# for 30 mins, OK.

6-13,22-83: Drlg.

6-23-83: Ran Survey. 10' drlg break f/6840-50: Circd samples to surface.

6-24,25,26-83: Drlg breaks: 6984-96', 7044-54', 7159-72', 7190-210', 7494-7502'. Trip for new bit @ 7496'. Drld 725' in 51 hrs.

BOP Equip: 5000# WP, double gate w/one annular preventer.

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

SIGNED W. J. Mueller TITLE Sr. Engineering Specialist DATE August 1, 1983

Original Signed By
Leslie A. Clements
Supervisor District II

APPROVED BY _____ TITLE _____ DATE AUG 15 1983

COPIES OF APPROVAL: IF ANY:

6-27-83: Drlg.

6-28-83: Drlg breaks: 8199-8229, no show, 8304-8315, no show; 8331-8348, no show.
30-40 units background gas. 391' in 10-3/4 hrs.

6-29 thru 7-7-83: Drlg.

7-8,9,10-83: Drlg. TD'd 7-7/8" hole @ 10,450. Circd 3 hrs & POOH. Rigged up
Schlumberger & logging.

7-11-83: Schlumberger ran LDT/CNL/GR/ Cal, DLL/RXO/GR Cal, BHC Sonic.

7-12-83: Set 44 jts of 5-1/2" 20# N-80 LT&C Csg & 262 jts of N-80 LT & C csg & 3 jts
of 20# N-80 LT & C csg @ 10,450'. Circd 1 hr. Howco cmtd w/1472 sx class
"H" w/1/10% LWL. Circd 100 sx cmt on 1st stage. 2nd stage pmpd 235 sx
class "H" w/20% DD & 1/4#/sx Flocele followed by 300 sx Class "H" neat.
Set 5-1/2" slips & cut off & ND. Rel rig.

7-13-83: Ran temp survey. TOC @ 4040'. Prep to complete--WO completion unit.

STATE OF NEW MEXICO

INCLINATION REPORT

ONE COPY MUST BE FILED WITH EACH COMPLETION REPORT

API# 30-015-24485

Field Name Empire Penn Gas County Eddy
 Room 401,
 Operator Phillips Oil Company Address 4001 Penbrook City Odessa, TX
 79762
 Lease Name Illinois Camp A COM Well No. 1
 Location Unit F 1980 feet from the North line and 990 feet from
West line of Section 5, Township 18-S, Range 28-E

RECORD OF INCLINATION

Depth (Feet)	Angle of Inclination (Degrees)	Depth (Feet)	Angle of Inclination (Degrees)
340	3/4	3,553	1-1/4
640	2	3,705	1-3/2
745	2-3/4	3,753	1-1/4
775	2-1/2	3,861	1-1/2
830	2	4,000	1
891	2	4,085	1
1,179	1	4,239	1
1,273	1-1/4	4,382	1-1/2
1,335	1	4,396	1-1/2
1,390	1-3/4	4,490	1-1/2
1,461	1-1/2	4,550	1-3/4
1,556	1-1/2	4,640	2
1,675	1-1/4	4,750	2-1/4
1,836	1-1/4	4,800	1-3/4
1,931	1-1/4	4,925	2-1/4
2,050	1-3/4	4,956	2-1/4
2,140	1-1/2	5,021	2
2,265	1-1/2	5,084	2-3/4
2,365	2	5,145	2-3/4
2,425	2	5,210	2-3/4
2,490	1-1/4	5,270	3-1/4
2,550	2	5,292	3-1/4
2,615	1-1/2	5,336	3-1/4
2,678	1-1/4	5,400	3-1/4
2,740	1	5,462	3-1/2
2,830	1-1/4	5,525	3-1/2
2,930	1-1/4	5,587	3-1/4
2,990	1-1/2	5,650	2-3/4
3,050	1-1/4	5,712	2-3/4
3,145	1-1/4	5,775	2-3/4
3,210	1-1/4	5,837	2-1/4
3,303	1	5,900	1-3/4
3,395	1	5,962	2-1/4

I hereby certify that I have personal knowledge of the data and facts placed on this form and that such information given above is true and complete.

CONTINUED ON REVERSE SIDE

W. J. Mueller

Signature and Title of Affiant
 Sr. Engineering Specialist

Sworn and subscribed to before me, this the 15 day of August

Audrey J. Jacks *Audrey J. Jacks*
Notary Public in and for Ector
County, Texas

My Commission Expires

November 30, 1984

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6,183
6,245
6,350
6,432
6,535
6,571
6,780
6,900
7,040
7,436
7,830
8,185
8,620
9,000
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STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

API 30-015-24485

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	<input checked="" type="checkbox"/>
LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
E-7179	
7. Unit Agreement Name	
8. Farm or Lease Name	
Illinois Camp A COM	
9. Well No.	
1	
10. Field and Pool, or Wildcat	
Empire Penn GAS	
12. County	
Eddy	
18. Elevations (DF, RKR, RT, GR, etc.)	
2667' DF 2654' GR	
19. Elev. Casinghead	
-	
23. Intervals Drilled By	
Rotary Tools	
Cable Tools	
0-10450'	
25. Was Directional Survey Made	
NO	
27. Was Well Cored	
no	

1c. TYPE OF WELL	
OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/>	
b. TYPE OF COMPLETION	
NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>	
2. Name of Operator	
Phillips Oil Company	
3. Address of Operator	
Room 401, 4001 Penbrook Street, Odessa, TX 79762	
4. Location of Well	
UNIT LETTER E LOCATED 1980 FEET FROM THE north LINE AND 990 FEET FROM west	
15. Date Spudded	
5-28-83	
16. Date T.D. Reached	
7-10-83	
17. Date Compl. (Ready to Prod.)	
8-10-83	
20. Total Depth	
10450	
21. Plug Back T.D.	
10401	
22. If Multiple Compl., How Many	
no	
24. Producing interval(s), of this completion - Top, Bottom, Name	
Morrow - top 10,005'; bottom 10,401'	
26. Type Electric and Other Logs Run	
LDT, CNL/GR caliper, DLL-/RXO-GR, BHC Sonic	
28. CASING RECORD (Report all strings set in well)	
Casing Size	
13 3/8"	
8 5/8"	
5 1/2"	
Weight LB./FT.	
54.5#	
32#	
20#	
Depth Set	
663'	
4000'	
10450 w/DV6500"	
Hole Size	
17 1/2"	
11"	
7 7/8"	
Cementing Record	
650sx Class C w/2% CaCl ₂ & 1/4# Flocele/sx	
1400sx Class C w/20%DD	
see reverse side	
Amount Pulled	
Circ 300sx	
Temp TOC 4040'	
29. LINER RECORD	
Size	
TOP	
BOTTOM	
Sacks Cement	
SCREEN	
30. TUBING RECORD	
Size	
2 7/8"	
Depth Set	
9922	
Packer Set	
9900	
31. Perforation Record (Interval, size and number)	
10172-84' & 10070-75', 4 JSPF, 68 holes	
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Depth Interval	
Amount and Kind Material Used	
-	
33. See Form C-122 attached	
PRODUCTION	
Date First Production	
8-10-83	
Production Method (Flowing, gas lift, pumping - Size and type pump)	
Flwg	
Well Status (Prod. or Shut-in)	
shut in pending connection	
Date of Test	
8-10-83	
Hours Tested	
Choke Size	
Prod'n. For Test Period	
Oil - Bbl.	
Gas - MCF	
Water - Bbl.	
Oil Gravity - API (Corr.)	
21.9 Mcf/bbl	
Flow Tubing Press.	
1993	
Casing Pressure	
pkf	
Calculated 24-Hour Rate	
119	
2611	
-	
53	
34. Disposition of Gas (Sold, used for fuel, vented, etc.)	
Shut in pending gas connection	
Test Witnessed By	
Richard Townley	
35. List of Attachments	
Logs furnished direct by logging company	
36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.	
Signed <u>W. J. Mueller</u> Sr. Engineering Specialist	
DATE 8-15-83	

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radioactivity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quadruplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____ 8630	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____ 9199	T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Salt _____	T. Atoka _____ 9656	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. York Morrow _____ 10005	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Morrow Clastics _____ 10015	T. Menefee _____	T. Madison _____
T. Queen _____	T. Chester Shale _____ 10247	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Miss Shale _____ 10393	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Elchenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todillo _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____ 5700	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____ 6877	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____ 8152	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS 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 influx 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 _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	715	715	Surface rock				
715	2080	1365	Anhydrite				
2080	2905	825	Anhydrite, lime				
2905	5708	2803	Lime				
5708	6928	1220	Lime, shale				
6928	7758	830	Lime, dolomite				
7758	9570	1812	Lime, shale				
9570	9716	146	Lime, chert				
9716	9989	273	Lime, shale				
9989	10190	201	Lime, shale, sand				
10190	10260	70	Lime				
10260	10329	69	Lime, shale				
10329	10450	121	Shale				

Item 28: Cmdr 5 1/2" csg w/1472 sx Class C w/10%LWL; opened DV @6500, circ 100sx. Cmdr w/ 235 sx w/20%DD & 1/4" #Flocele/sx & 300sx Class H WOC, ran temp survey, TOC 4040'

(505) 746-3354 / Artesia, New Mexico 80010

COMPANY PHILLIPS OIL WELL NAME ILLINOIS CAMP "A" COM. #1
DATE OF TEST 8-10-83 FORMATION PAGE 1 OF 1
COMPANY MAN LYNDALL HAWKINS

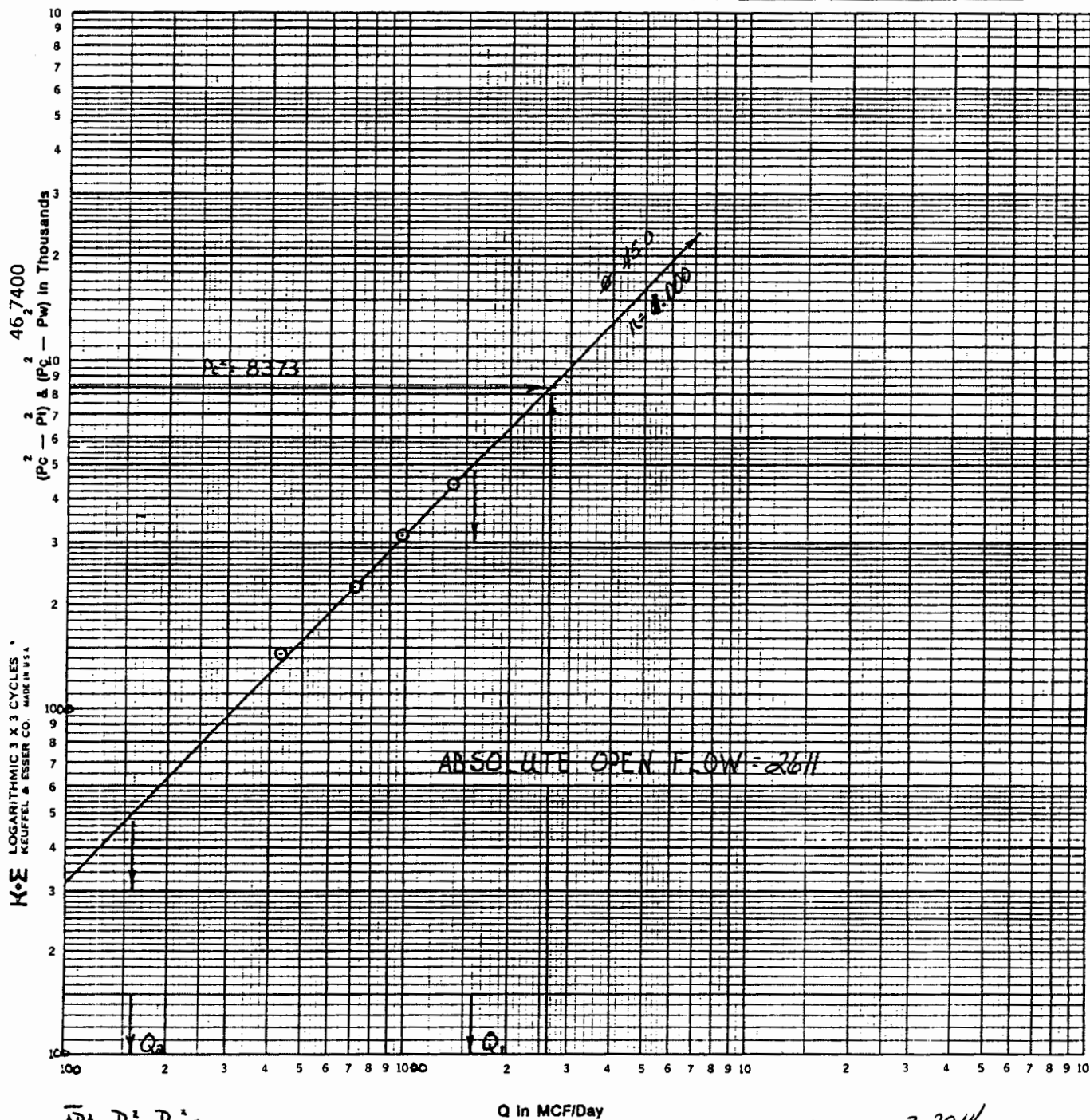
ELEMENT NUMBER	RPG3#46950	RANGE	7250 LBS.
CLOCK NUMBER	1935	RANGE	12 HOUR
ELEMENT NUMBER	RPG3#46951	RANGE	7000 LBS.
CLOCK NUMBER	B-3443	RANGE	12 HOUR
TIME WELL SHUT IN	N/A		
TIME CLOCK STARTED	0743 HOUR	8-10-83	
DEAD WEIGHT ELEMENT ON SURFACE	2892.2 PSIA	SHUT IN	LBS.
TIME ELEMENT REACHED BOTTOM	1017 HOUR	8-10-83	
DEAD WEIGHT ELEMENT ON BOTTOM	2892.2 PSIA	SHUT IN	LBS.
ELEMENT SET AT	10,250		FEET
TEMPERATURE	10,250	FT.	162 °F.
2006 PSIA	DEAD WEIGHT AT THE END OF	4 HOURS	0 MINUTES

[illegible]

BACK PRESSURE CURVE

Operator Phillips oil Lease Illinois camp A com. Well No. 1
 County Eddy Field _____ Location 5 185 28E
 Date of Test 8/10/83 Slope "n" 1.000 Angle of Slope 45.0

Calc. Abs. Potential 2611 MCF/D



$$\overline{\Delta P}_1 = P_c^* - P_w^*$$

$$\overline{\Delta P}_2 = P_c^* - P_w^*$$

$$Q_1 = 1590$$

$$Q_2 = 159$$

$$\log Q_1 = 3.2014$$

$$\log Q_2 = 2.2014$$

$$n = 1.000$$

Type Test		<input checked="" type="checkbox"/> Initial 4-POINT <input type="checkbox"/> Annual <input type="checkbox"/> Special		Test Date		8-10-83	
Company				Connection			
PHILLIPS OIL Co. ✓				AIR NEW WELL			
Pool				Formation			
WILDCAT				MORROW			
Completion Date		Total Depth		Plug line		Elevation	
8-9-83		10,450		10,450		3658	
Form or Lease Name				Well No.			
ILLINOIS CAMP "A"				#1			
Line Size	Wt.	d	Set At	Perforations:		Unit	
5.500	20.0	4.778	10,450	From 10,070 To 10,184		Sec. Twp. Rge.	
Line Size	Wt.	d	Set At	Perforations:		Unit	
2.875	6.5	2.441	9,922	From 0 To 0		E 5 18S 28E	
Type Well - Single - Bordenhead - O.G. or G.O. Multiple				Packer Set At		County	
SINGLE				9900		EDDY	
Producing thru		Reservoir Temp. °F		Mean Annual Temp. °F		State	
TUBING		162# 10,127		60.0		NEW MEXICO	
L	H	Cg	% CO ₂	% N ₂	% H ₂ S	Provar	Motor Run
10127	10127	0.648	0.39	0.40	0	0	4.0
Taps				FLANGE			

FLOW DATA						TUBING DATA		B.H.P. DATA		Duration of Flow
NO.	Provar Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		CHOKE
51							2879	87	4029	
1	4.03 X 1.500			395	2.5	92	2620	77	3709	4/64
2	4.03 X 1.500			405	6.5	86	2462	77	3510	6/64
3	4.03 X 1.500			410	12.0	82	2289	78	3265	8/64
4	4.03 X 1.500			415	23.0	74	1993	76	2869	11/64
5										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_p P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super. Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	10.84	31.95	408.2	0.9706	1.2423	1.0336	432.
2	10.84	52.14	418.2	0.9759	1.2423	1.0360	710.
3	10.84	71.26	423.2	0.9795	1.2423	1.0376	975.
4	10.84	99.24	428.2	0.9868	1.2423	1.0400	1372.
5							

NO.	R	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio	A.P.I. Gravity of Liquid Hydrocarbons	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure	Critical Temperature
1	0.61	552.	1.48	0.936	21.9	53.0	0.648	XXXXXX	671.	372.
2	0.62	546.	1.47	0.932				XXXXXX		
3	0.63	542.	1.46	0.929						
4	0.64	534.	1.44	0.925						
5										

NO.	P ₁ ²	P _w	P ₂ ²	P ₂ ² - R _w ²
1	13855	2633	6934	1439
2	12413	2475	6128	2245
3	10747	2287	5229	3144
4	8307	1994	3974	4399
5				

(1) $\frac{P_c^2}{P_2^2 - R_w^2} = 1.9034$		(2) $\left[\frac{P_c^2}{P_2^2 - R_w^2} \right]^n = 1.9034$	
AOI = 0		$\left[\frac{P_c^2}{P_2^2 - R_w^2} \right]^n = 2611.$	

Absolute Open Flow	2611.	Mcfd @ 15.025	Angle of Slope @	45.0	Slope, n	1.000
Remarks: BOTTOM HOLE PRESSURES MEASURED WITH AMERADA PRESSURE ELEMENTS.						
Approved by Commission:		Conducted by:		Calculated by:		Checked by:
RICHARD TOWNLEY		BENNETT & CATHEY				

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

AUG 16 1983

REQUEST FOR ALLOWABLE O. C. D.
ANDARTESIA OFFICE
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS API #30-015-24485

NO. OF COPIES RETURNED	
DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	<input type="checkbox"/>
LAND OFFICE	<input type="checkbox"/>
TRANSPORTER	<input type="checkbox"/>
OIL	<input checked="" type="checkbox"/>
NATURAL GAS	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>
PRODUCTION OFFICE	<input type="checkbox"/>

I. Operator
Phillips Oil Company ✓

Address
Room 401, 4001 Penbrook Street, Odessa, Texas 79762

Reason(s) for filing (Check proper box)

New Well	<input checked="" type="checkbox"/>	Change in Transporter of:		Other (Please explain)
Recompletion	<input type="checkbox"/>	Oil	<input type="checkbox"/>	
Change in Ownership	<input type="checkbox"/>	Coastinghead Gas	<input type="checkbox"/>	
		Dry Gas	<input type="checkbox"/>	
		Condensate	<input type="checkbox"/>	

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Illinois Camp A COM	Well No. 1	Pool Name, including Formation Empire Penn	Kind of Lease State, Rockwell <input checked="" type="checkbox"/>	Lease No. E7179
Location Unit Letter <u>E</u> ; 1980 Feet From The <u>north</u> Line and <u>990</u> Feet From The <u>west</u>				
Line of Section <u>5</u> Township <u>18-S</u> Range <u>28-E</u> . NMPM, <u>Eddy</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>Phillips Pet. Co. - Trucks</u>	<u>4001 Penbrook St. Odessa, TX 79762</u>
Name of Authorized Transporter of Coastinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>Phillips Pet. Co.</u>	<u>4001 Penbrook St. Odessa, TX 79762</u>
If well produces oil or liquids, give location of tanks.	Unit <u>E</u> Sec. <u>5</u> Twp. <u>18-S</u> Rge. <u>28-E</u> Is gas actually connected? <u>yes</u> When <u>1-26-84</u>

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Rest'v.	Diff. Res'
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
Date Spudded 5-28-83	Date Compl. Ready to Prod. 8-10-83	Total Depth 10450	P.B.T.D. 10401					
Elevations (DF, RKB, RT, GR, etc.) 2667' DF, 2654' Gr	Name of Producing Formation Morrow	Top Oil/Gas Pay 10005-10,870	Tubing Depth 9922					
Perforations 10070-75', 10172-84'	Depth Casing Shoe 10450							

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
17 1/2"	13 3/8"	663'	650x6 Class C. Circ 195x
11"	8 5/8"	4000'	600x6 Class C. Circ 300x
7 7/8"	5 1/2"	10450'	2007x1 1/2" add. Temp TOC 4040'
		2 3/8	9922

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

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size <u>Post TD-2 6-19-83 1 1/2" K</u>
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

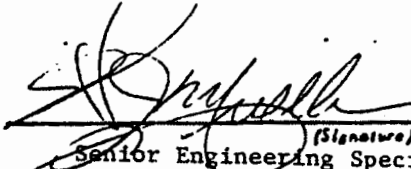
GAS WELL Form C-122 fwd separate cover 8-15-83

Actual Pres. Test-MCF/D CAOF 24 hrs <u>40F 2611</u>	Length of Test	Bbls. Condensate/MCF 119 BC	Gravity of Condensate 53
Testing Method (prior, back pr.) BP	Tubing Pressure (Shut-in) 2879	Casing Pressure (Shut-in) pkc	Choke Size 1 1/2" orifice

2. CERTIFICATE OF COMPLIANCE

OIL CONSERVATION DIVISION

APPROVED FEB 16 1984



W. J. Mueller
(Signature)
Senior Engineering Specialist

(Title)
8-15-83

TITLE Supervisor District II

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviate tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

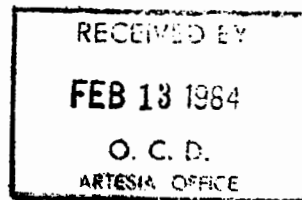
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.



PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP
Permian Basin Region



DATE: February 10, 1984

ENERGY AND MINERALS DEPT.
OIL CONSERVATION DIVISION
ATTN: MR. W. A. GRESSETT
DRAWER "DD"
ARTESIA, NEW MEXICO 88210

NOTICE OF GAS CONNECTION

This is to notify the Oil Conservation Commission that connection
for the purchase of gas from Phillips Oil Company ✓

Operator

Cam
Illinois Camp A¹#1

Lease

E

Well Unit

05-18-28

S. T. R.

Empire/Penn (H.P.)

Pool

Phillips Petroleum Company

Name of Purchaser

, was made on 1-26-84

Phillips Petroleum Company


J. W. Rush-Representative

Production Records Supervisor
Rm. 215 Phillips Building

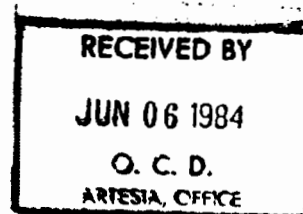
cc: To Operator
Oil Conservation Commission - Santa Fe



PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP
Permian Basin Region



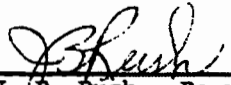
DATE: June 5, 1984

ENERGY AND MINERALS DEPT.
OIL CONSERVATION DIVISION
ATTN: MR. W. A. GRESSETT
DRAWER "DD"
ARTESIA, NEW MEXICO 88210 ✓

NOTICE OF GAS CONNECTION: ✓

This is to notify the Oil Conservation Commission that connection
for the purchase of gas from Phillips Oil Company
Operator
Illinois Camp "A" Com #1, E, 05-18-28, Empire/Penn
Lease Well Unit S. T. R. Pool
Phillips Petroleum Company, was made on May 16, 1984
Name of Purchaser

Phillips Petroleum Company


J. B. Rush - Representative

Production Records Supervisor
Rm. 215 Phillips Building

cc: Operator
Oil Conservation Commission - Santa Fe



PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP
Permian Basin Region

October 11, 1984

RECEIVED BY

OCT 15 1984

O. C. D.
ARTESIA, OFFICE

Leasehold Production Requirements -
Illinois Camp A Com No. 1 -
Artesia Plant/Gathering Systems Gas Well
Proration, Eddy County, New Mexico

Phillips Oil Company ✓
Box 2105,
Hobbs, New Mexico 88240

Attention: Mr. A. A. Hochstein
Area Manager

Gentlemen:

This will constitute authority for the physical production of the Phillips Oil Company Illinois Camp A Com Well No. 1, Empire Pennsylvanian Gas Pool, located in Unit E, Section 5, T-18-S, R-28-E, Eddy County, New Mexico, for one day and at a total production volume not to exceed 50 Mcf gas, on or before November 16, 1984. It is understood that the production to be allowed is in line with proration advice dated September 4, 1984, for the subject systems, and is expressly for leasehold purposes. It is also understood that the drillsite lease is further identified as State of New Mexico Oil and Gas Lease No. E-7179.

Production arrangements should be made with the appropriate Phillips Oil Company operating personnel.

Cordially,

E. E. Clark,
Agent

THM:se

cc: Commissioner of Public Lands,
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501

✓ New Mexico Department of Energy
Oil and Gas Division
Drawer DD,
Artesia, New Mexico 88210



PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP January 8, 1985
Permian Basin Region

Leasehold Production Requirements -
Illinois Camp A Com No. 1 - ✓
Artesia Plant/Gathering Systems Gas Well
Proration, Eddy County, New Mexico

Phillips Oil Company
Box 2105
Hobbs, New Mexico 88240

Attention: Mr. A. A. Hochstein
Area Manager

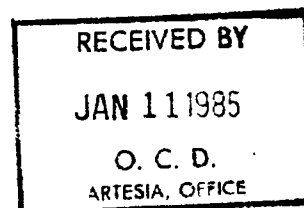
Gentlemen:

This will constitute authority for the physical production of the Phillips Oil Company Illinois Camp A Com Well No. 1, Empire Pennsylvanian Gas Pool, located in Unit E, Section 5, T-18-S, R-28-E, Eddy County, New Mexico, for one day and at a total production volume not to exceed 50 Mcf gas, on or before January 16, 1985. It is understood that the production to be allowed is in line with proration advice dated September 4, 1984, for the subject systems, and is expressly for leasehold purposes. It is also understood that the drillsite lease is further identified as State of New Mexico Oil and Gas Lease No. E-7179.

Production arrangements should be made with the appropriate Phillips Oil Company operating personnel.

Cordially,

E. E. Clark
Agent



THM/kjw
REG3/ill

cc: Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501

New Mexico Department of Energy
Oil and Gas Division
Drawer DD
Artesia, New Mexico 88210



PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP
Permian Basin Region

March 28, 1985

RECEIVED BY

APR -3 1985

O. C. D.

ARTESIA, OFFICE

Phillips Oil Company
Box 2105
Hobbs, New Mexico 88240

Attention: Mr. A. A. Hochstein
Area Manager

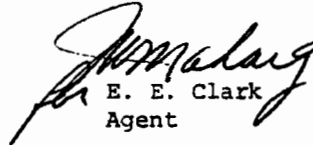
In Re: Leasehold Production Requirements -
Illinois Camp A Com No. 1
Artesia Plant/Gathering Systems Gas Well
Proration, Eddy County, New Mexico

Gentlemen:

This will constitute authority for the physical production of the Phillips Oil Company Illinois Camp A Com Well No. 1, Empire Pennsylvanian Gas Pool, located in Unit E, Section 5, T-18-S, R-28-E, Eddy County, New Mexico, at a total production volume not to exceed 50 Mcf/D gas, on March 28 and 29, 1985. It is understood that the production to be allowed is in line with proration advice dated September 4, 1984, for the subject systems, and is expressly for leasehold purposes. It is also understood that the drillsite lease is further identified as State of New Mexico Oil and Gas Lease No. E-7179. This authorized production made may be repeated every other month.

Production arrangements should be made with the appropriate Phillips Oil Company operating personnel.

Cordially,


E. E. Clark
Agent

EEC:THM:cjw

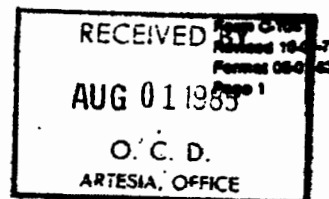
cc: Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501

New Mexico Department of Energy
Oil and Gas Division
Drawer DD
Artesia, New Mexico 88210

STATE OF NEW MEXICO
OIL AND MINERALS DEPARTMENT

1. NO. OF COPIES RECEIVED	
2. DISTRIBUTION	
3. FE	<input checked="" type="checkbox"/>
4. S.F.	<input checked="" type="checkbox"/>
5. S.F.	<input checked="" type="checkbox"/>
6. OFFICE	
7. TRANSPORTER	<input checked="" type="checkbox"/>
8. GAS	<input checked="" type="checkbox"/>
9. OTHER	<input checked="" type="checkbox"/>
10. REASON OFFICE	

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501



REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

PHILLIPS PETROLEUM COMPANY

4001 Penbrook Odessa, Texas 79762

Reason(s) for filing (Check proper box)

New Well	Change in Transporter etc.
Recompletion	<input type="checkbox"/> Oil <input type="checkbox"/> Dry Gas
Change in Ownership	<input type="checkbox"/> Condensate Gas <input type="checkbox"/> Condensate

Other (Please explain)

Changed from
Phillips Oil Company August 1, 1985

Change of ownership give name address of previous owner PHILLIPS OIL COMPANY 4001 Penbrook Odessa, Texas

DESCRIPTION OF WELL AND LEASE

Well Name Illinois Camp A Com	Well No. 1	Pool Name, including Formation Empire Penn	Kind of Lease State, Federal or Fee	State Texas	Lease E7179
----------------------------------	---------------	---	--	----------------	----------------

Location
Unit Letter E ; 1980 Feet From The North Line and 990 Feet From The West Line of Section 5 Township 18-S Range 28-E , N.M.P.M., Eddy Co

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Phillips Petroleum Company-Trucks	4001 Penbrook Odessa, Texas 79762
Name of Authorized Transporter of Condensate Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Phillips Petroleum Company	4001 Penbrook Odessa, Texas 79762

Well produces oil or liquids, re location of tanks.	Unit	Sec.	Top.	Rep.	Is gas actually connected?	When
						Past ID-3

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

NOTE: Complete Parts IV and V on reverse side if necessary.

CERTIFICATE OF COMPLIANCE

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

J. B. Rush
(Signature)

Production Records Supervisor
(Title)

July 25, 1985

(Date)

OIL CONSERVATION DIVISION

APPROVED AUG 6 1985, 19

BY ORIGINAL SIGNED
BY LARRY BROOKS
GEOLOGIST - NMOC

TITLE _____

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

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	<input type="checkbox"/>
LAND OFFICE	<input type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>

RECEIVED BY
AUG 20 1986

API No. 30-015-24485

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
E-7179	

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO QUALIFY OR CHECK OR PUS BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR FORMS" FORMS 11011 FOR SUCH PROPOSALS.)

1. OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		7. Unit Agreement Name
2. Name of Operator Phillips Petroleum Company		8. Form or Lease Name Illinois Camp A COM
3. Address of Operator 4001 Penbrook Street, Odessa, Texas 79762		9. Well No. 1
4. Location of Well UNIT LETTER E 1980 FEET FROM THE north LINE AND 990 FEET FROM THE west LINE, SECTION 5 TOWNSHIP 18-S RANGE 28-E N.M.P.M.		10. Field and Pool, or Withcat Empire Penn
15. Elevation (Show whether DF, RT, CR, etc.) 2654' 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 <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPER. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	
		OTHER Clean out frac sand w/coiled tbg unit & return to production <input checked="" type="checkbox"/>	

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.

7-16-86: 10401'PTD RU coiled tbg unit. Ran tbg to depth of 4200', developed a hole in 1" tbg & pulled from well.
Last test: 0 BO, OBW & 0 MCFG.

7-17 thru

7-21-86: WIH w/1" tbg & washing tool, lost circ at depth of 7200'. Shut off nitrified circ fluid and displaced tbg with nitrogen, foam displaced from tbg very thick and heavy. Ran tbg to depth of 9900' while pumping nitrogen, started nitrified circ fluid at this point. Pmp press went from 1700 psi to 4000 psi after starting nitrified circ fluid. No returns at surface. SD circ fluid and displaced tbg w/nitrogen. Good returns w/just nitrogen.

7-22-86: MI & RU DDU. Dropped standing valve and RU rotary. WIH w/perf gun. Perf'd tbg at 9788'. Swbd 3 hrs, IFL 2800', FFL at 4000', rec 36 BW.

7-23-86: Swbd FL down to 9000'. ND wellhead & NU BOP. Released pkr at 9906', POOH. WIH w/hydrostatic bailer and tagged sand at 10180'. CO to 10280'.

7-24-86: POOH w/hydrostatic bailer, WIH w/wire-line guide, 1 jt 2-3/8" tbg,

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

SEE REVERSE SIDE

SIGNED N. E. Porter N. E. Porter TITLE Gas Reservoir Engineer DATE August 18, 1986

Original Signed By

Les A. Clements

APPROVED BY Supervisor District II

TITLE

DATE

AUG 22 1986

CONDITIONS OF APPROVAL, IF ANY:

7-24-86: (Cont.)

5-1/2" Bfg-Bore Lok-Set pr, 10' 2-3/8" Sub, F-Nipple, 365 lbs
 2-3/8" tbg internally tested to 5000 psi above slips, Set pr at
 9900' with 11000# compression. ND BOP, NU wellhead. Loaded
 tbg-csg annulus with 2% KCL water & tested to 500 psi for
 30 min, held ok. Swbd 4 hrs, rec 14 BW.

7-25-86: SITP 200 psi. Bled well down. Swbd 8 hrs, rec 57 BW.
 Well kicked off flowing. Put well on line.

7-26-86: Flwd 24 hrs on 29/64" choke, rec 450 MCFGPD.
 Flwd 24 hrs on 29/64" choke, rec 450 MCFGPD.

7-27-86: Flwd 24 hrs on 29/64" choke, rec 450 MCFGPD.

Job complete.

RECEIVED BY

MAR 05 1986

O. C. D.
ARTESIA, OFFICESTATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTForm C-104
Revised 10-01-78
Format 08-01-83
Page 1

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TRANSPORTER	<input checked="" type="checkbox"/>
OIL	<input checked="" type="checkbox"/>
GAS	<input checked="" type="checkbox"/>
OPERATOR	
PRODUCTION OFFICE	

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator PHILLIPS PETROLEUM COMPANY	
Address 4001 Penbrook Odessa, Texas 79762	
Reason(s) for filing (Check proper box)	Other (Please explain)
<input type="checkbox"/> New Well <input type="checkbox"/> Recompletion <input type="checkbox"/> Change in Ownership	Change in Transporter of: <input type="checkbox"/> Oil <input type="checkbox"/> Condensate Gas <input checked="" type="checkbox"/> Dry Gas <input type="checkbox"/> Condensate
Effective date 1-1-86	

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

II. DESCRIPTION OF WELL AND LEASE

Lease Name Illinois Camp A Com	Well No. 1	Pool Name, including Formation Empire Penn	Kind of Lease State, Federal or Fee State	Lease No. E7179
Location				
Unit Letter E	1980	Foot From The North	Line and 990	Foot From The West
Line of Section 5	Township 18S	Range 28E	County Eddy	County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

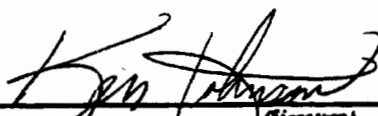
Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Phillips Petroleum Company-Trucks	4001 Penbrook, Odessa, Texas 79762
Name of Authorized Transporter of Condensate Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Phillips 66 Natural Gas Company	4001 Penbrook, Odessa, Texas 79762
If well produces oil or liquids, give location of tanks.	Is gas actually connected? When

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

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

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


Ken Johnson
Production Records Supervisor

January 24, 1986 (Date)

(Date)

OIL CONSERVATION DIVISION

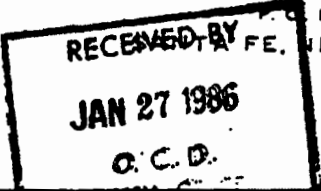
APPROVED MAR 7 1986
Original Signed By
BY Les A. Clements
TITLE Supervisor District II

This form is to be filed in compliance with RULE 1104.

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

AC16/oil161

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	
LAND OFFICE	
OPERATOR	<input checked="" type="checkbox"/>



BOX 2088
SANTA FE, NEW MEXICO 87501

API No. 30-015-24485

3a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
3. State Oil & Gas Lease No.	
E-7179	

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 TO DRILL" (FORM C-101) FOR SUCH PROPOSALS.

1. Unit Agreement Name 2. Name of Operator Phillips Petroleum Company Address of Operator Room 401, 4001 Penbrook Street, Odessa, Texas 79762 Location of Well UNIT LETTER E 1980 FEET FROM THE north LINE AND 990 FEET FROM THE west LINE, SECTION 5 TOWNSHIP 18-S RANGE 28-E NMPM. 13. Elevation (Show whether DF, RT, GR, etc.) 2654' GR 12. County Eddy		7. Unit Agreement Name 8. Form or Lease Name Illinois Camp A COM 9. Well No. 1 10. Field and Pool, or Widen Empire Penn
---	--	---

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

IMPROVE REMEDIAL WORK <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> WILL OR ALTER CASING <input type="checkbox"/> OTHER <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> OTHER <input type="checkbox"/>	REMEDIAL WORK <input checked="" type="checkbox"/> COMMENCE DRILLING OPER. <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER <input type="checkbox"/>	ALTERNATE CASING <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> OTHER <input type="checkbox"/>
---	--	--	--

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1502.

12-19-85: MI & RU DDU. FL @ 8000' from surface. Swbd down to SN @ 9895'. Installed wellhead isolation tool & tested. Loaded annulus w/2% KCL water w/1% technib 370. Held 1000# on annulus during treatment. Acidized Morrow perfs w/3000 gals 7 1/2% low surface tension HCL acid; 78,000 SCF nitrogen. Flowed well to pit, well flowed 1 hr 20 min approx 50 bbls load. WIH w/swab, tbq dry no fluid to SN. SDON

12-20-85: WIH w/swab to SN, 900' scattered fluid. Swbd 2 bbls in 5 hrs.

12-21 & 22-85: Well SI.

12-23 thru

12-25-85: TP 50#. Blew well down. WIH w/swab to SN, 800' scattered fluid. Installed wellhead isolation tool and tested. Treated Morrow perfs 10,070'-10,184' w/ 29,000 gals cross linked gelled 2% KCL water carrying 18,000# 20/40 mesh sand and 8,000# 20/40 ceramic proppant, energized w/800 SCF/bbl nitrogen. Left well closed in three hours after treatment. Bled well to pit. Well flowed 2.5 hrs to pit (nitrogen gas) and then died. WIH w/swab to seating nipple, pulled approx. 800'-900' of scattered fluid. Closed well in. 12-24: TP 500#, blew well down to pit. WIH w/swb, pulled approx. 600' fluid. Waited 1 hr, made

SEE REVERSE SIDE

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

N. E. Porter Original Signature Senior Gas Well Engineer

DATE 1-23-86

Supervisor District 11

JAN 29 1986

12-24-85 (cont.) another run... Could not get any fluid out of hole. SDON.
12-25: Well SI.
12-26-85: TP 600#. Well flowed to pit for one hr and died. Made 2 swb runs, well kicked off and started flowing at 11:00 a.m., flowed well until 9:00 p.m. Gas to wet to burn. Closed well in, SDON.
12-27-85: TP600#. Opened well to pit to clean up. Flowed well until 2:00 p.m. Well cleaned up. Gas burning good and clean. Placed well on production.
12-28- thru
1-19-86: Tested well.
1-20-86: Flowed well at a rate of 962 MCFD, FTP 463#. Job complete, well returned to production.

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

AUG - 2 1993

WELL API NO.

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

E 7179

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

Phillips Petroleum Company

3. Address of Operator

HC 60 Box 66 Lovington NM 88260

4. Well Location

Unit Letter _____ : 1990 Feet From The North Line and 990 Feet From The west Line

Section 5

Township 18S

Range 28E

NMPM

Eddy

County

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

3658

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.

Cover Celler-Raisers are Piped to Surface.

Ray Smith witnessed - NMOC

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

SIGNATURE

Danny M Palmer

TITLE

Sr. Field Tester

DATE

8-3-93

TYPE OR PRINT NAME

Danny M Palmer

TELEPHONE NO.

391-5316

(This space for State Use)

ORIGINAL SIGNED BY RAY SMITH

APPROVED BY _____

TITLE

OIL AND GAS INSPECTOR

DATE

AUG 06 1993

CONDITIONS OF APPROVAL, IF ANY:

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Geology, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

CLSF
DP

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 28 1994

WELL API NO. 30-015-24485
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E-7179
7. Lease Name or Unit Agreement Name Illinois Camp A Com
8. Well No. 1
9. Pool name or Wildcat Empire Penn
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 2654' GR

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
Phillips Petroleum Company

3. Address of Operator
4001 Penbrook St., Odessa, Texas 79762

4. Well Location
Unit Letter E : 1980 Feet From The North Line and 990 Feet From The West Line
Section 5 Township 18-S Range 28-E NMPM 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 <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: Set plug <input checked="" type="checkbox"/>

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.

- 11/19/93 Pump 20 bbls 2% KCL down tubing. MI RU. Install shop tested lubricator to 5000 psi. GIH with 2" gauge run to 10080'. COOH. GIH with thru-tubing bridge. Set at 10006'. COOH. GIH with 2" bailer and dump 30# lead shot on plug. COOH. GIH and dump 6' of cement on plug. COOH. RD M/O. Shut well in.
- 11/23/93 MI RU, install lubricator. GIH with retrieving tool and close vent. COOH. GIH with bailer and dump 14' cement on plug. COOH. RD M/O. Shut well in to let cement set.
- 11/30/93 RU & pumped 55 bbls 2% kcl. Tested plug to 1900#. Well broke back to 0 psi. Well on vacuum. RD M/O.

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

SIGNATURE L. M. Sanders TITLE Supv., Reg. Affairs DATE 1/24/94

TYPE OR PRINT NAME L. M. Sanders TELEPHONE NO. 915/368-1488

(This space for State Use)

SUPERVISOR DISTRICT I

FEB 3 1994

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

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

Form C-104
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address PHILLIPS PETROLEUM COMPANY 4001 PENBROOK ODESSA, TEXAS 79762		² OGRID Number 017643
		³ Reason for Filing Code CG NAME
⁴ API Number 30-015-24485	⁵ Pool Name EMPIRE PENN. (GAS)	⁶ Pool Code 76440
⁷ Property Code 009104	⁸ Property Name ILLINOIS CAMP A	⁹ Well Number 1

II. Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
E	5	18S	28E		1980	N	990	W	EDDY

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
E	5	18S	28E		1980	N	990	W	EDDY
¹² Lse Code S	¹³ Producing Method Code F	¹⁴ Gas Connection Date 01/01/86		¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date	

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
034019	PHILLIPS PETROLEUM CO. TRUCKS 4001 PENBROOK ODESSA, TEXAS 79762	2083810	O	E 5 18S 28E
009171	GPM GAS CORPORATION 4044 PENBROOK ODESSA, TX 79762	2083830	G	E 5 18S 28E

RECEIVED

JUN 22 1995

OIL CON. DIV.

IV. Produced Water

²³ POD	²⁴ POD ULSTR Location and Description
2083850	E 5 18S 28E

V. Well Completion Data

²⁵ Spud Date	²⁶ Ready Date	²⁷ TD	²⁸ PBD	²⁹ Perforations
³⁰ Hole Size	³¹ Casing & Tubing Size	³² Depth Set	³³ Sacks Cement	

VI. Well Test Data

³⁴ Date New Oil	³⁵ Gas Delivery Date	³⁶ Test Date	³⁷ Test Length	³⁸ Tbg. Pressure	³⁹ Csg. Pressure
⁴⁰ Choke Size	⁴¹ Oil	⁴² Water	⁴³ Gas	⁴⁴ AOF	⁴⁵ Test Method

⁴⁶ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name:

K. R. OBERLE

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

Title:

Date: 06/19/95	Phone: (915)368-1675	JUL 6 1995	
⁴⁷ If this is a change of operator fill in the OGRID number and name of the previous operator			
Previous Operator Signature	Printed Name	Title	Date

Submit 3 Copies
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
Santa Fe, New Mexico 87504-2088

WELL API NO.	30-015-24485
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	E-7179
7. Lease Name or Unit Agreement Name	ILLINOIS CAMP A COM
8. Well No.	001
9. Pool name or Wildcat	EMPIRE PENN
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	2654' GR

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	2. Name of Operator Phillips Petroleum Company
3. Address of Operator 4001 Penbrook Street, Odessa, TX 79762	4. Well Location Unit Letter E : 1980 Feet From The NORTH Line and 990 Feet From The WEST Line Section 5 Township 18-S Range 28-E NMPM EDDY County
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 2654' 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: ADD PERFS & TEST MID MORROW FORMATION ☒

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. HIRU HES, NU WELLHEAD, RIH W/SINKER BAR, GAUGE RING ON WIRELINE TO PBTD, COOH.
2. RIH W/PERF GUN AND PERF MIDDLE MORROW AS FOLLOWS:
10,028'-10,036', 4 SHOTS PER FOOT, 8 FOOT, 33 SHOTS, COOH, RDHO HES,
3. PRODUCE WELL INTO THE GAS PRODUCTION UNIT, REPORT FLOW RATE AND FLOWING TBG PRESSURE UNTIL WELL STABILIZES.

RECEIVED

MAY - 3 1996

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 Larry M. Sanders TITLE Senior Regulation Analyst DATE 05/02/96

TYPE OR PRINT NAME Larry M. Sanders

TELEPHONE NO. (915) 368-1488

(This space for State Use)

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

MAY 9 1996

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Submit 3 Copies
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
Santa Fe, New Mexico 87504-2088

WELL API NO.	30-015-24485
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	E-7179
7. Lease Name or Unit Agreement Name	ILLINOIS CAMP A COM
8. Well No.	001
9. Pool name or Wildcat	EMPIRE PENN

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	2. Name of Operator Phillips Petroleum Company
3. Address of Operator 4001 Penbrook Street, Odessa, TX 79762	4. Well Location Unit Letter E : 1980 Feet From The NORTH Line and 990 Feet From The WEST Line
Section 5 Township 18-S Range 28-E NMPM EDDY County	10. Elevation (Show whether DF, RKB, RT, GR, etc.) 2654' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: ADD PERFS & TST MIDDLE MORROW <input checked="" type="checkbox"/>

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.

05/27/96 MI RU HALLIBURTON T/CK PBD & PERF MID MORROW, INSTALL PRE-TESTED 5000# LUB, FLOW TBG PRESS 68 PSI RATE 58 MCF GAS, CONTINUE PRODUCING DURING WL OPER, WIH W/SINKER BAR 2-1/8" GAUGE RING & JNK BSKT T/10300' (116' BELOW BTM PERF @ 10,184'), POOH, WIH W/2-1/8" DYNASTAR STRIP GUN W/15.5 GR CHRGS 4 SPF & 0 DEG PHASING, PERF'D MID MORROW: 10208'-10036' (8' 3 SHOTS) CORRELATED W/SCHLUMBERGER GR-CCL LOG DATED 8-1-83, PRESS WENT FR/60 PSI T/150 PSI F/5 MIN 5:10PM, T/143 PSI @ 5:30 & 136 PSI @ 6:00 PM, RD HALLIBURTON, FLOW WELL.

5/28/96 PRODUCING 90# FLOW PRESS RATE 111 MCF P/D.

5/29/96 PRODUCING 86# FLOW PRESS @ 101 MCF P/D.

5/30/96 PRODUCING 84# FLOW PRESS @ 98 MCF P/D, FINAL REPORT.

COMPLETE DROP FROM REPORT

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

SIGNATURE Larry M. Sanders TITLE Senior Regulation Analyst DATE 07/11/96

TYPE OR PRINT NAME Larry M. Sanders TELEPHONE NO. (915)368-1488

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY TIM W. GUM TITLE DISTRICT II SUPERVISOR DATE JUL 17 1996

CONDITIONS OF APPROVAL, IF ANY:

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Road, Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural ResourcesOil Conservation Division
220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104A

March 19, 2001

Submit 1 copy of the final affected wells
list along with 1 copy of this form per
number of wells on that list to appropriate
District Office**Change of Operator**

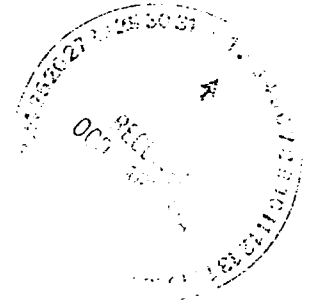
Previous Operator Information:

OGRID: 017643
Name: Phillips Petroleum Company
Address: 4001 Penbrook Street
Address: _____
City, State, Zip: Odessa, TX 79762

New Operator Information:

Effective Date: 01/01/2003
New Ogrid: 217817
New Name: ConocoPhillips Company
Address: 4001 Penbrook Street
Address: _____
City, State, Zip: Odessa, TX 79762I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information on this
form and the attached list of wells is true and complete to the best of my knowledge and belief.

New Operator

Signature: Yolanda PerezPrinted name: Yolanda PerezTitle: Sr. Regulatory AnalystDate: 12/30/2002 Phone: (832)486-2329

Previous operator complete below:

Previous
Operator: Phillips Petroleum Company
Previous
OGRID: 017643
Signature: Steve de Albuquerque
Printed
Name: Steve de Albuquerque

NMOCD Approval	
Signature:	<u>Jim W. Green</u>
Printed Name:	<u>District Supervisor</u>
District:	_____
Date:	<u>JAN 24 2003</u>

30-015-24485

IT IS THEREFORE ORDERED:

(1) That the application of Rio Pecos Corporation for an unorthodox gas well location for the Wolfcamp/Pennsylvanian formations is hereby approved for a well to be located at a point 1980 feet from the North line and 990 feet from the West line of Section 5, Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico.

(2) That the N/2 of said Section 5 shall be dedicated to the above-described well.

(3) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


JOE D. RAMEY,
Director

9-9-93

Ch-LD

Surf. - 10448

DfM - 877

6500 - 10449

BC 27

6500 - 10445

CP 27

6500 - 10450

R-7286 - NSL

R-7286 - 7876



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

*Field Inspection Program
"Preserving the Integrity of Our Land's Heritage"*

21-Jul-05

CONOCOPHILLIPS COMPANY

4001 Penbrook St.

Odessa TX 79761

NOTICE OF VIOLATION - Inspection

Dear Operator:

The following inspection(s) indicate that the well, equipment, location or operational status of the well(s) failed to meet standards of the New Mexico Oil Conservation Division as described in the detail section below. To comply with standards imposed by Rules and Regulations of the Division, corrective action must be taken immediately and the situation brought into compliance. The detail section indicates preliminary findings and/or probable nature of the violation. This determination is based on an inspection of your well or facility by an inspector employed by the Oil Conservation Division on the date(s) indicated.

Please notify the proper district office of the Division, in writing, of the date corrective actions are scheduled to be made so that arrangements can be made to reinspect the well and/or facility.

INSPECTION DETAIL SECTION

ILLINOIS CAMP A COM No.001

E-5-18S-28E

30-015-24485-00-00

Inspection Date	Type Inspection	Inspector	Violation?	*Significant Non-Compliance?	Corrective Action Due By:	Inspection No.
07/21/2005	Routine/Periodic	Chris Beadle	Yes	No	8/22/2005	iCLB0520250048
Violations						
Absent Well Identification Signs (Rule 103)						
Comments on Inspection: Well Sign not in compliance with Rule 103. Sign does not list footages or API number as required by NMAC 19.15.3.103.F(4) and (5).						

In the event that a satisfactory response is not received to this letter of direction by the "Corrective Action Due By:" date shown above, further enforcement will occur. Such enforcement may include this office applying to the Division for an order summoning you to a hearing before a Division Examiner in Santa Fe to show cause why you should not be ordered to permanently plug and abandon this well. Such a hearing may result in imposition of CIVIL PENALTIES for your violation of OCD rules.

Sincerely,



Artesia OCD District Office

Note: Information in Detail Section comes directly from field inspector data entries - not all blanks will contain data.

*Significant Non-Compliance events are reported directly to the EPA, Region VI, Dallas, Texas.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

30-015-24485

Release Notification and Corrective Action

MLB0915353481

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	ConocoPhillips Company	Contact	John W. Gates
Address	3300 North A St. Bldg 6, Midland, TX 79705-5406	Telephone No.	505.391.3158
Facility Name	Illinois Camp Well No 1	Facility Type	Oil and Gas
Surface Owner	State Of New Mexico	Mineral Owner	State Of New Mexico
		Lease No	30015244485

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
K E	5	18S	38E 28E	1980	North	990	West	Eddy

Latitude 32 46 684 Longitude 104 12 161

NATURE OF RELEASE

Type of Release	Volume of Release	Volume Recovered
Crude Oil & Produced Water	90bbl (51oil, 39water)	(0oil, 0water)
Source of Release	Date and Hour of Occurrence	Date and Hour of Discovery
3X4" Swedge on east side of tank	2/26/09 NA	2/26/09 1024
Was Immediate Notice Given?	If YES, To Whom?	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	Geoffrey Leking NMOCD	
By Whom?	Date and Hour	
John Gates	2/26/09 1430	
Was a Watercourse Reached?	If YES, Volume Impacting the Watercourse.	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.*		
3X4 inch swedge on east side of north tank failed due to internal/external corrosion. There were no fluids recovered. The tank was isolated, drained and removed from service.		
Describe Area Affected and Cleanup Action Taken.*		
15' X 36' area inside caliche dike with no cattle present. There were no fluids recovered. Spill site will be delineated and remediated in accordance with NMOCD guidelines		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature:	OIL CONSERVATION DIVISION	
Printed Name: John W. Gates	Approved by District Supervisor: <i>[Signature]</i>	
Title: HSER Lead	Approval Date: JUN 09 2009	Expiration Date:
E-mail Address: John.W.Gates@conocophillips.com	Conditions of Approval: Remediation per NMOCD Rules & Guidelines	Attached <input checked="" type="checkbox"/>
Date: 02/26/2009	Phone: 505.391.3158	

• Attach Additional Sheets If Necessary

MLB0915354261

2RP-314

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

30-015-24485

Release Notification and Corrective Action

2RP 314

NMLB09153 53481

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company	ConocoPhillips Company	Contact	Jesse Sosa
Address	3300 North A St. Bldg 6, Midland, TX 79705-5406	Telephone No.	575-391-3126
Facility Name	Illinois Camp Well No 1	Facility Type	Oil & Gas
Surface Owner	State of New Mexico	Mineral Owner	State of New Mexico
		Lease No.	30-015-24485

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
E	5	18S	28E	1980	North	990	West	Eddy

Latitude 32 46 684 Longitude 104 12 161

NATURE OF RELEASE

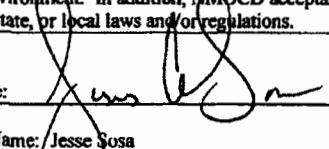
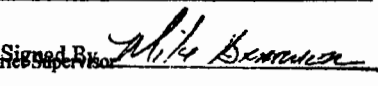
Type of Release	Crude oil & produced water	Volume of Release	90 bbl (51 oil, 39 water)	Volume Recovered	(0 oil, 0 water)
Source of Release	3X4" Swedge on east side of tank	Date and Hour of Occurrence	2/26/09 NA	Date and Hour of Discovery	2/26/09 1024
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Geoffrey Leking NMOCD		
By Whom?	John Gates	Date and Hour	2/26/2009	1430	
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*
NA

Describe Cause of Problem and Remedial Action Taken.*
#X4" swedge on east side of north tank failed due to internal/external corrosion. There were no fluids recovered. The tank was isolated, drained and removed from service.

Describe Area Affected and Cleanup Action Taken.*
Liquids were contained within 35 X 55 ft tank diked area. The release was delineated and remediated in accordance with NMOCD guidelines. See attached document.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 		OIL CONSERVATION DIVISION	
Printed Name: Jesse Sosa		Approved by District Supervisor 	
Title: HSE Lead		Approval Date: SEP 28 2009	Expiration Date: N/A
E-mail Address: jesse.a.sosa@conocophillips.com		Conditions of Approval: N/A	Attached <input type="checkbox"/>
Date: Sept 25, 2009 Phone: 575-391-3126			

* Attach Additional Sheets If Necessary

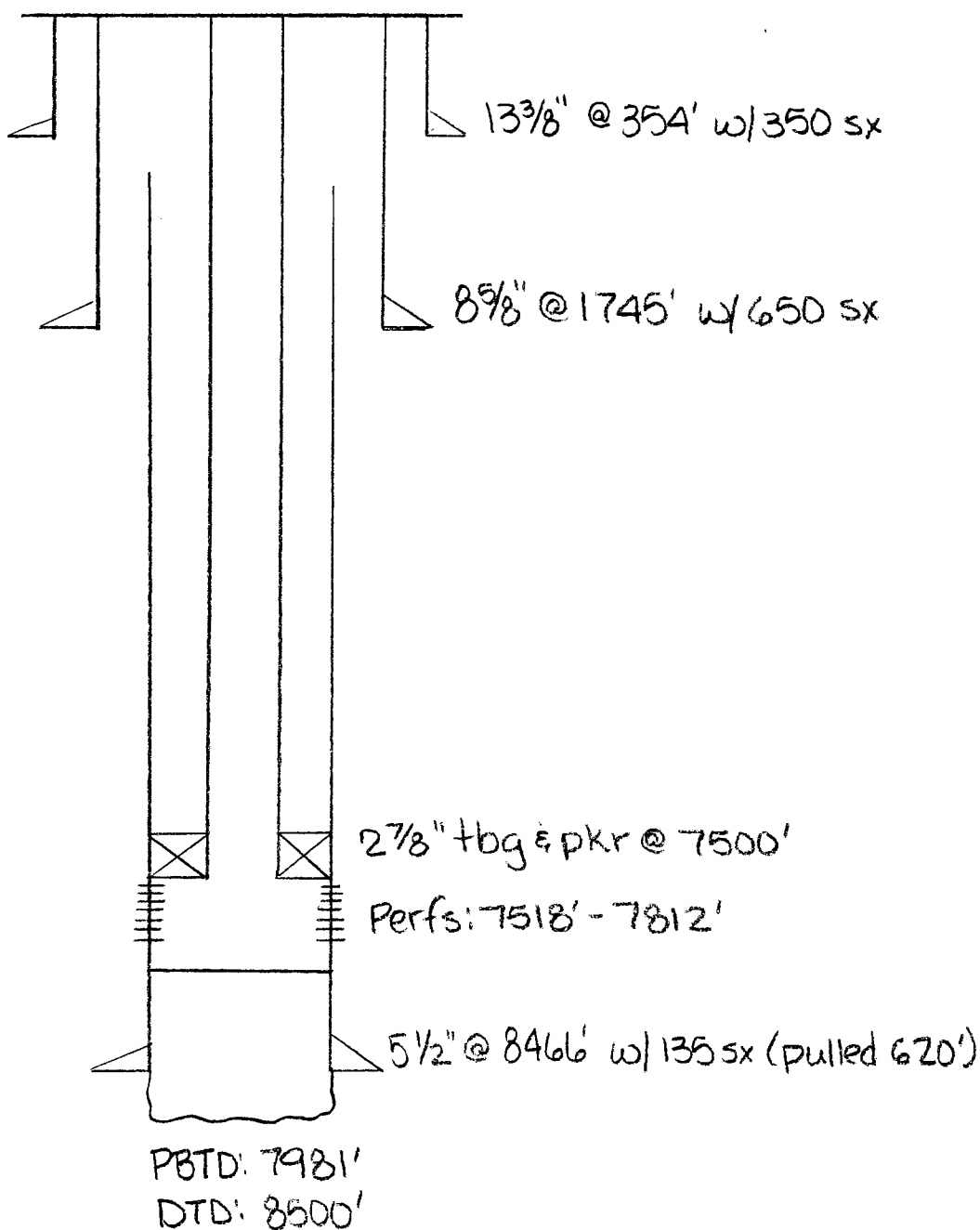
2RP-314

SUBSURFACE

NAVAJO REFINING COMPANY, L.L.C.
Map ID No. 76
Artificial Penetration Review

OPERATOR Walter Solt, LLC
LEASE Walter Solt State
WELL NUMBER 1
DRILLED 5/28/83
PLUGGED NA

STATUS Active-SWD
LOCATION Sec. 5-T 18S-R 28E
MUD FILLED BOREHOLE NA
INJECTION ZONE 7450'
API NO. 30-015-25522

REMARKS:

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

John H. Bemis
Cabinet Secretary

Brett F. Woods, Ph.D.
Deputy Cabinet Secretary

Jami Bailey
Division Director
Oil Conservation Division



Administrative Order SWD-318-A
March 28, 2012

**ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION**

Under the provisions of 19.15.26.8B NMAC, Walter Solt, LLC seeks an administrative order to utilize its Walter Solt State Well No. 1 (API 30-015-25522) located 2240 feet from the South line and 400 feet from the West line, Unit letter L of Section 5, Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico, for produced water disposal purposes.

THE DIVISION DIRECTOR FINDS THAT:

The application has been duly filed under the provisions of 19.15.26.8B NMAC and satisfactory information has been provided that affected parties as defined in said rule have been notified and no objections have been received within the prescribed waiting period. The applicant has presented satisfactory evidence that all requirements prescribed in 19.15.26.8 NMAC have been met and the operator is in compliance with 19.15.5.9 NMAC.

IT IS THEREFORE ORDERED THAT:

The applicant, Walter Solt, LLC, is hereby authorized to utilize its Walter Solt State Well No. 1 (API 30-015-25522) located 2240 feet from the South line and 400 feet from the West line, Unit letter L of Section 5, Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico, for disposal of oil field produced water (UIC Class II only) into the Wolfcamp formation through perforations from 7518 to 7812 feet through lined tubing and a packer set less than 100 feet above the permitted disposal interval.

IT IS FURTHER ORDERED THAT:

The operator shall take all steps necessary to ensure that the disposed water enters only the proposed disposal interval and is not permitted to escape to other formations or onto the surface.

After installing tubing, the casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge or an approved leak detection device in order to determine leakage in the casing, tubing, or packer. The casing shall be pressure tested from the surface to the packer setting depth to assure casing integrity.

The well shall pass an initial mechanical integrity test ("MIT") prior to initially commencing disposal and prior to resuming disposal each time the disposal packer is unseated. All MIT testing procedures and schedules shall follow the requirements in Division Rule 19.15.26.11A. NMAC.

The wellhead injection pressure on the well shall be limited to **no more than 1504 psi**. In addition, the disposal well or system shall be equipped with a pressure limiting device in workable condition which shall, at all times, limit surface tubing pressure to the maximum allowable pressure for this well.

The Director of the Division may authorize an increase in tubing pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the disposed fluid from the target formation. Such proper showing shall be demonstrated by sufficient evidence including but not limited to an acceptable Step-Rate-Test.

The operator shall notify the supervisor of the Division's district office of the date and time of the installation of disposal equipment and of any MIT test so that the same may be inspected and witnessed. The operator shall provide written notice of the date of commencement of disposal to the Division's district office. The operator shall submit monthly reports of the disposal operations on Division Form C-115, in accordance with Division Rules 19.15.26.13 and 19.15.7.24 NMAC.

Without limitation on the duties of the operator as provided in Division Rules 19.15.29 and 19.15.30 NMAC, or otherwise, the operator shall immediately notify the Division's district office of any failure of the tubing, casing or packer in the well, or of any leakage or release of water, oil or gas from around any produced or plugged and abandoned well in the area, and shall take such measures as may be timely and necessary to correct such failure or leakage.

The injection authority granted under this order is not transferable except upon division approval. The division may require the operator to demonstrate mechanical integrity of any injection well that will be transferred prior to approving transfer of authority to inject.

The division may revoke this injection permit after notice and hearing if the operator is in violation of 19.15.5.9 NMAC.

The disposal authority granted herein shall terminate two years after the effective date of this order if the operator has not commenced injection operations into the subject well. One year after the last date of reported disposal into this well, the Division shall consider the well abandoned, and the authority to dispose will terminate *ipso facto*. The Division, upon written request mailed by the operator prior to the termination date, may grant an extension thereof for good cause.

Compliance with this order does not relieve the operator of the obligation to comply with other applicable federal, state or local laws or rules, or to exercise due care for the protection of fresh water, public health and safety and the environment.

Jurisdiction is retained by the Division for the entry of such further orders as may be necessary for the prevention of waste and/or protection of correlative rights or upon failure of the operator to conduct operations (1) to protect fresh or protectable waters or (2) consistent with the requirements in this order, whereupon the Division may, after notice and hearing, terminate the disposal authority granted herein.



JAMI BAILEY
Director

JB/wvjj

cc: Oil Conservation Division – Artesia
State Land Office – Oil, Gas, and Minerals Division

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

RECEIVED

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

SEP 21 2005

OCD-ARTEZIA

Form C-141
Revised March 17, 1999

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

3 15-25522

Release Notification and Corrective Action

MLB0526429004

OPERATOR

☒ Initial Report ☒ Final Report

Name of Company <i>I+W INC.</i>	Contact <i>Kevin Wilson</i>	
Address <i>P.O. BOX 98 HARD HILLS NM 88255</i>	Telephone No. <i>505-677-2111</i>	
Facility Name <i>Walter Solt State State #1</i>	Facility Type <i>SALT WATER DISPOSAL</i>	
Surface Owner <i>State NM</i>	Mineral Owner <i>State</i>	Lease No. <i>B3828</i>

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
<i>L</i>	<i>5</i>	<i>18s</i>	<i>28E</i>	<i>400'</i>	<i>S</i>	<i>2240</i>	<i>E</i>	<i>Eddy</i>

NATURE OF RELEASE

Type of Release <i>Produced Water</i>	Volume of Release <i>10 bbls</i>	Volume Recovered <i>10 bbls</i>
Source of Release <i>TANK OVERFLOW</i>	Date and Hour of Occurrence <i>9/1/05 EARLY A.M.</i>	Date and Hour of Discovery <i>9/1/05 7:00am</i>
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
W Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

TANK OVERFLOW - Installing overflow tank with alarm callout + shut off valves on incoming lines with head switches.

Describe Area Affected and Cleanup Action Taken.*

Inside berms which ARE fully lined with plastic. Remove contaminated material + replace with NEW.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: <i>Kevin Wilson</i>		OIL CONSERVATION DIVISION	
Printed Name: <i>Kevin Wilson</i>		Approved by TIM GUM by MB <i>MB</i>	
Title: <i>OPERATIONS MANAGER</i>		Approval Date: <i>9/21/05</i>	Expiration Date: <i>N/A</i>
Date: <i>9/16/05</i>	Phone: <i>505-677-2111</i>	Conditions of Approval:	Attached <input type="checkbox"/>

* Attach Additional Sheets If Necessary

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

JUL 17 2008
OCD-ARTESIA

Form C-141
Revised October 10, 2003
Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☒ Final Report

Name of Company	I+W INC.	Contact	KEVIN WILSON
Address	P.O. BOX 98 LDCO HILLS NM 88255	Telephone No.	575-677-2110 Office / 575-703-2041 cell
Facility Name	WALTER SOLT SWD	Facility Type	SWD
Surface Owner	State of NM	Mineral Owner	I+W
	30015 25522	Lease No.	B 3828

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
L	5	18S	28E	400	South	2240	EAST	Eddy

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release	PRODUCED WATER	Volume of Release	5 BBLs	Volume Recovered	0 BBLs
Source of Release	UNLOADING AREA	Date and Hour of Occurrence		Date and Hour of Discovery	
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	UNKNOWN		
By Whom?		Date and Hour			
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			
If a Watercourse was Impacted, Describe Fully.*					

Describe Cause of Problem and Remedial Action Taken.*

Numerous Trucks unloading on a daily basis.
Contacted companies that unload at facility + asked that they remind drivers on better housekeep

Describe Area Affected and Cleanup Action Taken.*

Unloading area approximately 25x50 around unloading valves. Picked up approximately 24 yards + hauled to CRT. Sprayed MICRO BLAZE over area + replaced caliche.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

OIL CONSERVATION DIVISION

Signature: Kevin Wilson	Approved by District Supervisor: T. Humby SB	
Printed Name: KEVIN WILSON	Approval Date: 10-1-08	Expiration Date: N/A
Title: OPERATIONS MANAGER	Conditions of Approval: N/A	Attached <input type="checkbox"/> N/A
E-mail Address:		
Date:	Phone:	

* Attach Additional Sheets If Necessary

I+W INC., IN AN EFFORT TO
better control AND monitor our
SWD, will be installing A CEMENT
lined UNLOADING AREA which will
include sumps AND A 24 HOUR
video surveillance system.

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised August 1, 2011

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. <u>30-015-25522</u>
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <u>SWD</u>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator <u>WALTER SOLT LLC</u> * 1 + W < 109666		6. State Oil & Gas Lease No.
3. Address of Operator <u>P.O. Box 70 Loco Hills NM 88255</u>		7. Lease Name or Unit Agreement Name <u>WALTER SOLT State</u>
4. Well Location Unit Letter <u>L</u> : <u>2240</u> feet from the <u>FSL</u> line and <u>400</u> feet from the <u>FWL</u> line Section <u>5</u> Township <u>18S</u> Range <u>28E</u> NMPM County <u>Eddy</u>		8. Well Number <u>#1</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <u>3644.4 GR</u>		9. OGRID Number <u>283037</u>
		10. Pool name or Wildcat

12. 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 ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:
REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

OTHER: ☐

3. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

ALL INTENTIONS ARE TO GET THE WELL BACK INTO PRODUCTION. Rig up PULLING UNIT AND DRILL OUT CEMENT. TEST CASING AND MAKE SURE ITS GOOD, IF NOT WE WILL CONTINUE WORKING TO GET WELL IN COMPLIANCE, AT THAT POINT WE WILL RUN IN WITH PACKER AND PRODUCTION STRING. WE WILL CONTACT OGD TO WITNESS PRESSURE TEST.

Spud Date:

Rig Release Date:

RECEIVED

SEP 20 2011

* DENIED. SWD PERMIT HAS EXPIRED. RE-APPLY

NMOC D ARTESIA

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

SIGNATURE

Kevin Wilson

TITLE

Operations Manager

DATE

9/20/2011

or print name

Kevin Wilson

E-mail address:

rkwilson63@yahoo.com

PHONE:

703-2041

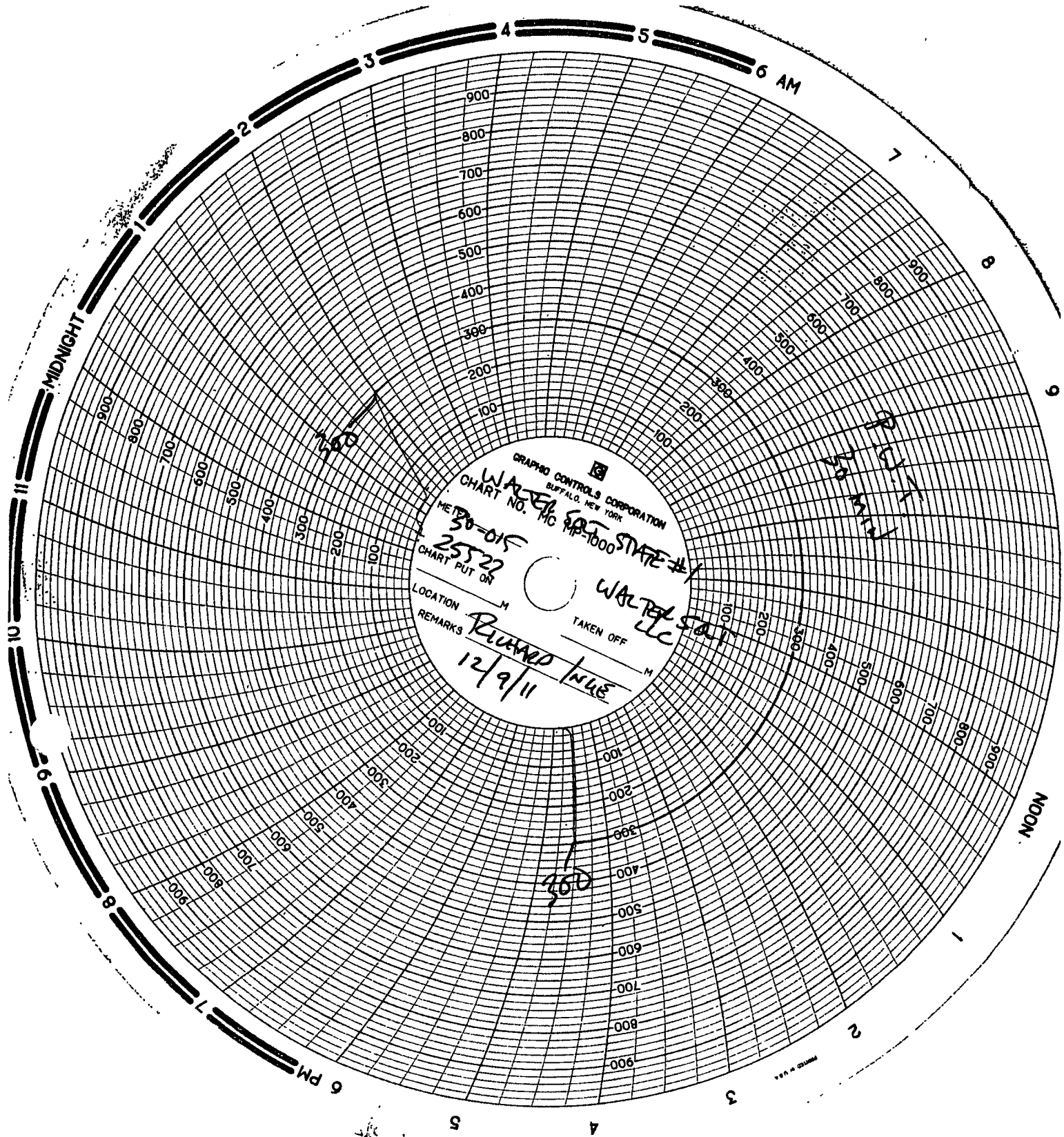
State Use Only

APPROVED BY:

TITLE

DATE

Conditions of Approval (if any):



GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK
WATER SAT
CHART NO. MC MP-1000 STATE #1
METER 30-015
CHART PUT ON 25522
LOCATION M
REMARKS RICHARD / WUE
TAKEN OFF M
12/9/11

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

30-015-2552

Form C-101
Revised 10-1-78

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OPERATOR	<input checked="" type="checkbox"/>

5A. Indicate Type of Lease
STATE ☒ FEE ☐

5. State Oil & Gas Lease No.
B-3823

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

7. Unit Agreement Name

b. Type of Well DRILL ☒ DEEPEN ☐ PLUG BACK ☐
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

8. Form or Lease Name
Walter Solt State

2. Name of Operator

Metex Pipe & Supply

9. Well No.

1

3. Address of Operator

P.O. Box 1037 Artesia, N.M. 88210

10. Field and Pool, or Wildcat
WILDCAT

4. Location of Well

UNIT LETTER L LOCATED 400 FEET FROM THE WEST LINE
2240 SOUTH 5 18S 28F
AND FEET FROM THE LINE OF SEC. TWP. REC. NMPM

12. County
EDDY

11. Elevation (show whether DF, RT, etc.)

3644.4 GL

21A. Kind & Status Plug. Bond

one well

19. Proposed Depth
8500'

19A. Formation
Penn.

20. Rotary or C.T.
Rotary

21B. Drilling Contractor
Hondo Rig #9

22. Approx. Date Work will start
Jan 10, 1985

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17"	13 3/8"	54.5#	350'	250	circulated
12 1/4"	8 5/8"	24#	2250'	500 sx.	
7 7/8"	5 1/2"	17# J-55 N-80	8500'	800	4500'

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 7-3-86
UNLESS DRILLING UNDERWAY

BOP Diagram attached

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Mark B. Mung Title Metex Pipe & Supply Date 12-23-85

(This space for State Original Signed By
Les A. Clements

APPROVED BY Supervisor District 11 TITLE DATE DEC 27 1985

CONDITIONS OF APPROVAL, IF ANY:

MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form No. 1
Supersedes Form
No. 1, 1937

A. Distance in feet from the outer boundaries of the Section

MAP

WELL LOCATION PLAT

Permo-Penn

Wildcat

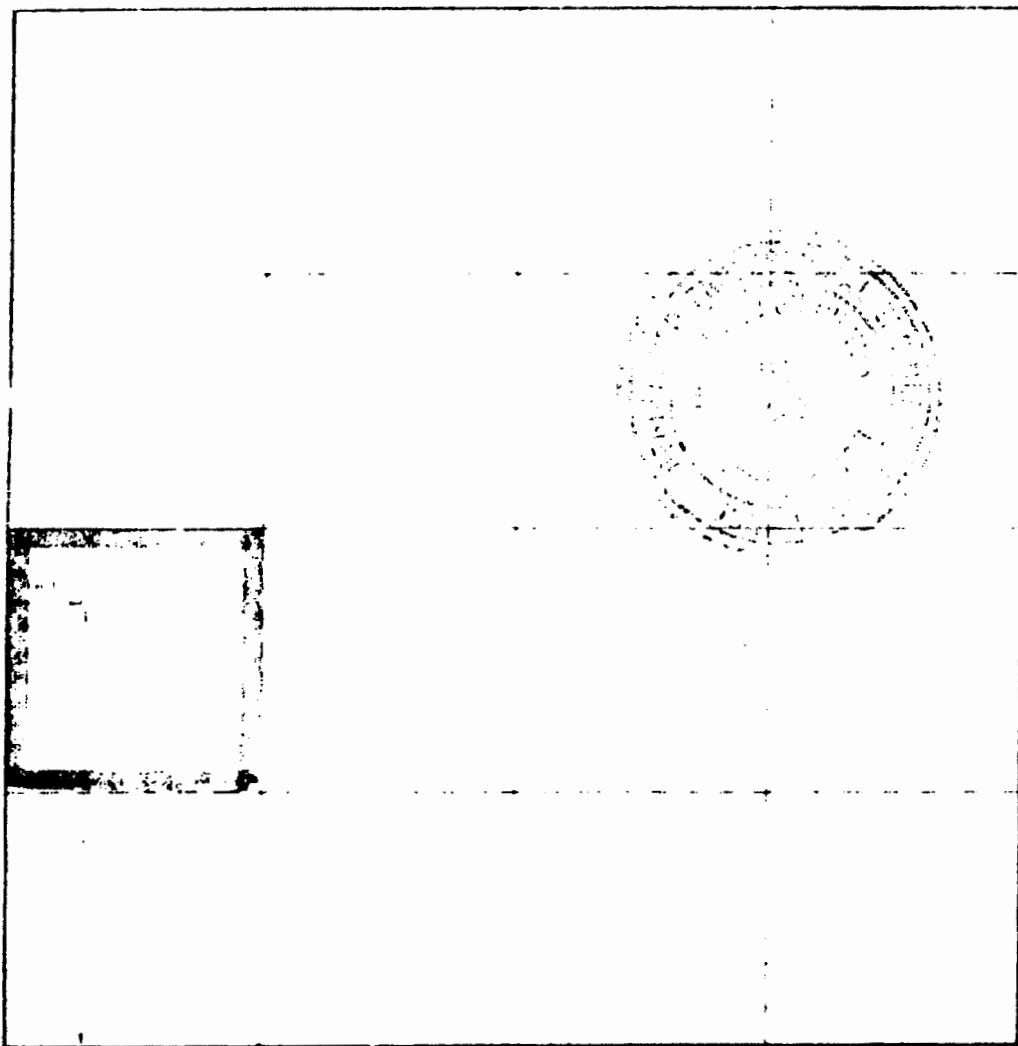
40-Acres

1. Outline the acreage dedicated to the subject well by colored pencil or ball point marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof, name of owner, interest and acreage.
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners consolidated by communitization, unitization, force-pooling, etc?

Yes ☒ No ☐ If answer is "yes" type of consolidation _____

If answer is "no" list the owners and tract descriptions which have actually been consolidated. If no answer is given this fact is necessary _____

No water will be assigned to the well until all interests have been consolidated by communitization, unitization, force-pooling, or otherwise or until a non-standard unit, eliminating such interests, has been approved by the Commission.



I hereby certify that the information furnished hereon is true and correct to the best of my knowledge and belief.

Martin B. Muncy
d/b/a Metex Pipe & Supply

METEX PIPE & SUPPLY

12-23-35

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

For Witness:

1935, 12, 23

Commissioner of the Commission

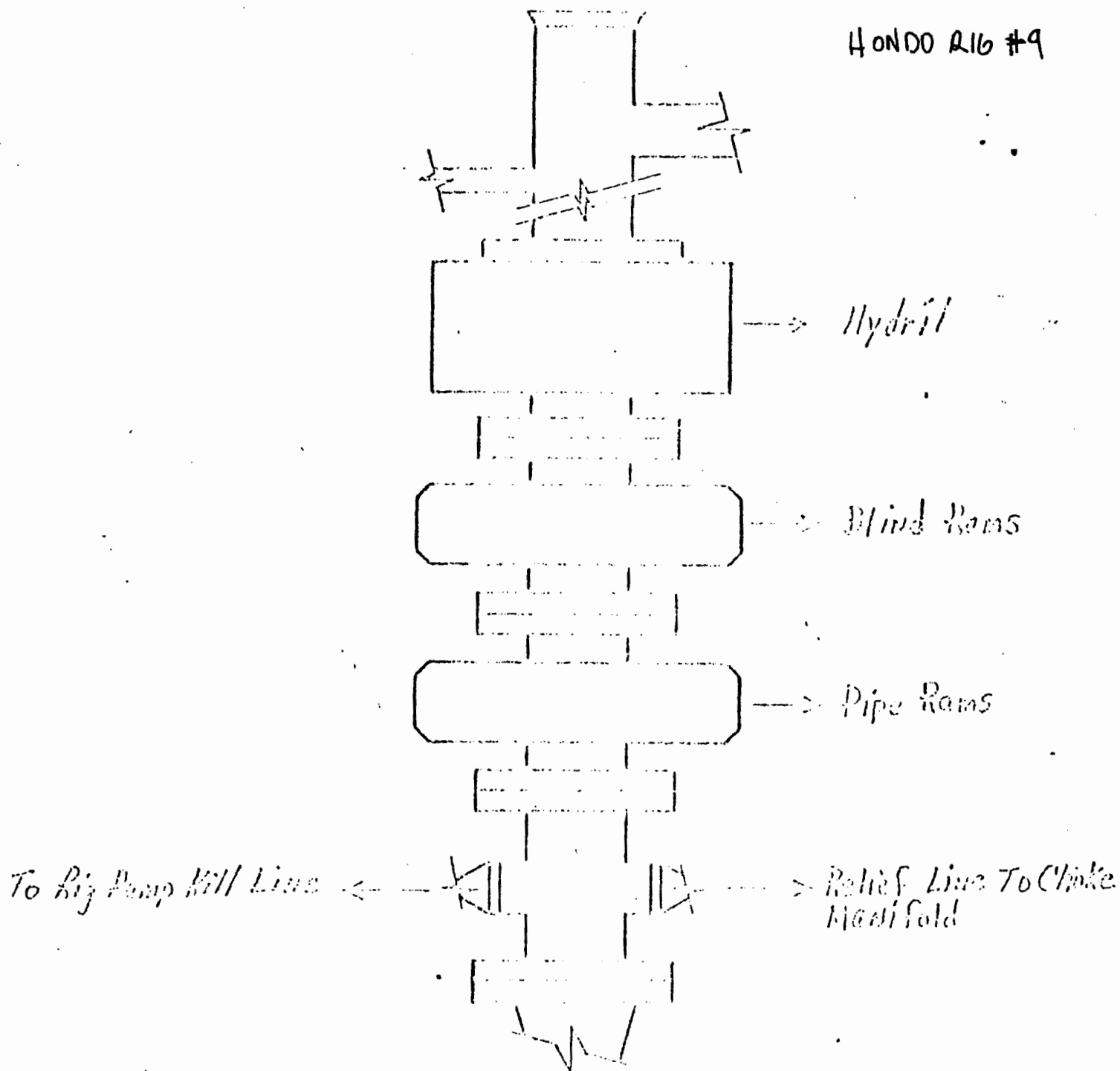
Oil and Gas Conservation

Edgar J. Lee

Certificate No. JOHN W. DEER

RECEIVED BY THE COMMISSION

HONDO RIG #9



METEIX PIPE & SUPPLY
WALTER SOLT ST. #1
55-T18S-R28E
UNIT L

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OPERATOR	<input checked="" type="checkbox"/>

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
B-3823

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
METEX PIPE AND SUPPLY
3. Address of Operator
POB 1037 ARTESIA, NM 88210
4. Location of Well
UNIT LETTER L 400 FEET FROM THE WEST LINE AND 2240 FEET FROM THE SOUTH LINE, SECTION 5 TOWNSHIP 18S RANGE 28E NMPH.
15. Elevation (Show whether DF, RT, GR, etc.)
3644.4' GL
12. County
EDDY

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

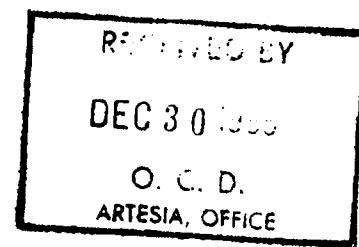
NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PI ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	
		OTHER BUILD LOCATION	

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.

12/30/85. BUILD LOCATION FOR HENDRO RIG #9



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

SIGNED Martin B. Mincey TITLE d/b/a METEX PIPE, SUPPLY DATE 12/30/85

APPROVED BY DATE DEC 31 1985

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-

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OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>

5a. Indicate Type of Lease
State ☒ For ☐
5. State Oil & Gas Lease No.
B-3823

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. SEE APPLICATION FOR PERMIT - (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL ☒ GAS WELL ☐ OTHER ☐

Name of Operator
Metex Pipe & Supply ☒

Address of Operator
P.O. Box 1037 Artesia, N.M. 88210

Location of Well
UNIT LETTER L 400 FEET FROM THE WEST LINE AND 2240 FEET FROM
THE SOUTH LINE, SECTION 5 TOWNSHIP 18S RANGE 28E

7. Unit Agreement Name

8. Farm or Lease Name

Walter Solt State

9. Well No.

1

10. Field and Pool, or Wildcat

Wildcat - Penn.

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

3644.4

12. County

EDDY

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

SUBSEQUENT REPORT OF:

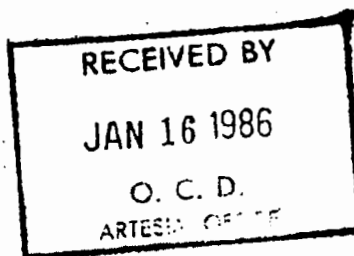
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
WELL OR ALTER CASING <input type="checkbox"/>	OTHER <input checked="" type="checkbox"/> run surface casing	CASING TEST AND CEMENT JOB <input type="checkbox"/>	

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

Spud well 3:00 p/m, Jan. 9, 1986 with Mondo, Rig #9.

Ran 11 joints 13 3/8" 54 lb. J-55 casing and set at 354'. Halliburton cemented with 350 sacks class "C" cement with 2% CaCl. Circulated 45 sacks to pit. Plug down at 5:30 a/m on January 10, 1986.

WOC for 12 hours, drilled out 2 ft. past shoe and tested BOP to 500 PSI and held pressure for 30 minutes. Presently drilling 11" hole with full returns.



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

SIGNED [Signature] d/b/a TITLE Metex Pipe & Supply

DATE Jan. 10, 1986

Original Signed By

Les A. Clements

TITLE

Supervisor District II

DATE

JAN 23 1986

15. CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-77

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U. S. S.	
OFFICE	
OPERATION	<input checked="" type="checkbox"/>

5a. Indicate Type of Lease
State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.
B-3823

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.)

OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	OTHER- <input type="checkbox"/>
Name of Operator		
Metex Pipe and Supply		
Address of Operator		
P.O. Box 1037 Artesia, N.M. 88210		
Location of Well		
UNIT LETTER	L	400
FEET FROM THE	west	2240
LINE AND		
FEET FROM		
south	5	18S
THE	LINE, SECTION	TOWNSHIP
		RANGE 28E
		NMPM.

7. Unit Agreement Name
8. Farm or Lease Name
Walter Solt State
9. Well No.
1
10. Field and Pool, or Wildcat
WILDCAT Penn.
12. County
Eddy

15. Elevation (Show whether DF, RT, GR, etc.)
3644.4 GL

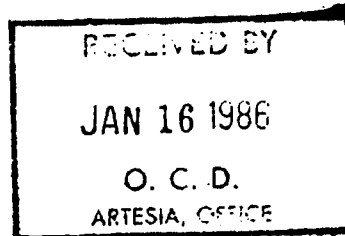
Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

FORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
LINE OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	
OTHER <input type="checkbox"/>		run intermediate casing <input checked="" type="checkbox"/>	

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.

Ran 42 jt. 8 5/8", 24 lb., J-55 casing to 1745'. Cemented with 400 sacks Malco Lite with 2# salt and 1/2# Flowseal and 250 sacks class "C" with 2% CaCl. Circulated 100 sacks to pit. Plug down at 4:00 p/m, Jan. 12, 1986.

WOC for 12 hrs. drilled out 2' past shoe and tested BOP to 1000 psi and held for thirty minutes. Presently drilling 7 7/8" hole with full returns.



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

SIGNED [Signature] TITLE d/b/a Metex Pipe & Supply DATE 1-13-86

Original Signed By
Les A. Clements

APPROVED BY [Signature] TITLE Supervisor District 11

DATE JAN 23 1986

ADDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

FEB 27 1986

ARTESIA OFFICE

Form C-103
Revised 10-1

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S.G.S.	
AND OFFICE	
OPERATOR	<input checked="" type="checkbox"/>

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
B-3823	

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.)

OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. Unit Agreement Name
1. Name of Operator METEX PIPE & SUPPLY		8. Farm or Lease Name WALTER SOLT STATE
2. Address of Operator POB 1037 Artesia, NM 88210		9. Well No. 1
3. Location of Well UNIT LETTER L 400 FEET FROM THE West LINE AND 2240 FEET FROM South LINE, SECTION 5 TOWNSHIP 18S RANGE 28E NMPM.		10. Field and Pool, or Wildcat Wildcat Penn.
15. Elevation (Show whether DF, RT, GR, etc.) 3644.4'		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 <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING AND CEMENT JOBS <input checked="" type="checkbox"/>	
		OTHER DST's, Logs & TD <input checked="" type="checkbox"/>	

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

DST #1 6678-6822'

DST #1 7035-7090'

Results to be submitted with completion report

2-16-85: Driller's TD=8500' Loggers TD=8484'

Ran Open-Hole Logs: GR/CNLD & DLL/MSFL

Ran 5 1/2" 17# LTC(N-80/J-K-55) Casing to 8466' KB with float shoe @ 8466' & Insert float @ 8424'. Cemented with 135-Sxs Howco "H" + .7-1% Halad-9. Bumped Plug to 4500#-Held-OK. Howco FULL-OPENING CEMENTER SET @ 7785'.

2-25-85: Cleaned Location & Set Dead-Men

2-26-86: Ran Cement Bond Log and found good cement from PBTD 8398' to 7961'

Present operation is waiting on completion unit

PBTD= 8398'KB

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

SIGNED CAB Mummy TITLE d/b/a METEX PIPE & SUPPLY DATE 2-28-86

Original Signed By
Mike Williams

Oil & Gas Inspector

FEB 28 1986

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

EQUIPMENT & HOLE DATA

FORMATION TESTED: WOLF CAMP

NET PAY (ft): 22.0

GROSS TESTED FOOTAGE: 144.0

ALL DEPTHS MEASURED FROM: 10' K.B.

CASING PERFS. (ft):

HOLE OR CASING SIZE (in): 7.875

ELEVATION (ft): 3644.4 GROUND LEVEL

TOTAL DEPTH (ft): 5822.0

PACKER DEPTH(S): 6672. 6678

FINAL SURFACE CHOKE (in):

BOTTOM HOLE CHOKE (in): 0.750

MUD WEIGHT (lb/gal): 8.80

MUD VISCOSITY (sec): 2

ESTIMATED HOLE TEMP. (°F):

ACTUAL HOLE TEMP. (°F): 110 @ 6818.0 ft

TICKET NUMBER: 22834600

DATE: 2-4-86 TEST NO: 1

TYPE DST: OPEN HOLE

HALLIBURTON CAMP:

ARTESIA

TESTER: R. PEPPERS

WITNESS: MUNCY

DRILLING CONTRACTOR:

HONDO DRILLING COMPANY #9

FLUID PROPERTIES FOR RECOVERED MUD & WATER

SOURCE	RESISTIVITY	CHLORIDES
EARTH PITS	0.139 @ 70 °F	33000 ppm
SAMPLER	0.146 @ 70 °F	31000 ppm
TOP RECOVERY	0.146 @ 70 °F	31000 ppm
MIDDLE RECOVERY	0.150 @ 70 °F	30000 ppm
TOP OF TOOLS	0.150 @ 70 °F	30000 ppm
	@ °F	ppm

SAMPLER DATA

Pslg AT SURFACE: 35.0

cu.ft. OF GAS: 0.295

cc OF OIL:

cc OF WATER: 550.0 SULPHUR

cc OF MUD:

TOTAL LIQUID cc: 550.0

HYDROCARBON PROPERTIES

OIL GRAVITY (°API): @ °F

GAS/OIL RATIO (cu.ft. per bbl):

GAS GRAVITY:

CUSHION DATA

TYPE	AMOUNT	WEIGHT
------	--------	--------

RECOVERED:

497' OF GAS CUT FORMATION (SULPHUR) WATER

MEASURED FROM
TESTER VALVE

REMARKS:

6" POSITIVE CHOKE

[illegible]

TYPE & SIZE MEASURING DEVICE: 6" POSITIVE CHOKE

6" POSITIVE CHOKE

TICKET NO: 22808600

[illegible]

EQUIPMENT & HOLE DATA

FORMATION TESTED: WOLF CAMP

NET PAY (ft): 4.0

GROSS TESTED FOOTAGE: 55.0

ALL DEPTHS MEASURED FROM: KELLY BUSHING

CASING PERFS. (ft): _____

HOLE OR CASING SIZE (in): 7.875

ELEVATION (ft): 3644.4 GROUND LEVEL

TOTAL DEPTH (ft): 7090.0

PACKER DEPTH(S) (ft): 7029, 7035

FINAL SURFACE CHOKE (in): _____

BOTTOM HOLE CHOKE (in): 0.750

MUD WEIGHT (lb/gal): 8.90

MUD VISCOSITY (sec): 31

ESTIMATED HOLE TEMP. (°F): _____

ACTUAL HOLE TEMP. (°F): 114 @ 7086.0 ft

TICKET NUMBER: 22808600

DATE: 2-6-86 TEST NO: 2

TYPE DST: OPEN HOLE

HALLIBURTON CAMP: _____

ARTESIA

TESTER: SIAM MC KEE

WITNESS: MUNCY

DRILLING CONTRACTOR: _____

HONDO DRILLING RIG #9

FLUID PROPERTIES FOR RECOVERED MUD & WATER

SOURCE	RESISTIVITY	CHLORIDES
MUD PIT	<u>0.096 @ 70 °F</u>	<u>53000</u> ppm
SAMPLER	<u>0.280 @ 70 °F</u>	<u>16000</u> ppm
TOP RECOVERY	<u>0.100 @ 70 °F</u>	<u>49000</u> ppm
MIDDLE RECOVERY	<u>0.096 @ 70 °F</u>	<u>53000</u> ppm
BOTTOM RECOVERY	<u>0.220 @ 70 °F</u>	<u>19000</u> ppm
	<u> @ °F</u>	<u> </u> ppm

SAMPLER DATA

Pstg AT SURFACE: 230.0

cu.ft. OF GAS: 0.271

cc OF OIL: 50.0

cc OF WATER: 2300.0

cc OF MUD: _____

TOTAL LIQUID cc: 2350.0

HYDROCARBON PROPERTIES

OIL GRAVITY (°API): _____ @ _____ °F

GAS/OIL RATIO (cu.ft. per bbl): 860

GAS GRAVITY: _____

CUSHION DATA

TYPE AMOUNT WEIGHT

RECOVERED:

90 FEET OF OIL CUT SULPHUR WATER

919 FEET OF SULPHUR WATER

MEASURED FROM
TESTER VALVE

REMARKS:

NO GAS TO SURFACE DURING TEST.

CHARTS INDICATE THE POSSIBLE EXISTENCE OF MORE THAN
ONE ZONE WITHIN THE TESTED INTERVAL.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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LAND OFFICE	
OPERATOR	<input checked="" type="checkbox"/>

OIL CONSERVATION DIVISION

RECEIVED P.O. BOX 2088
SANTA FE, NEW MEXICO 87501

APR 8 1986

O. C. D.

ARTESIA OFFICE

Form C-103
Revised 10

5a. Indicate Type of Lease
State <input checked="" type="checkbox"/> Fee
5. State Oil & Gas Lease No.
B-3823

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Metex Pipe & Supply	8. Farm or Lease Name Walter Solt State
3. Address of Operator PO Box 1037 Artesia, NM 88210	9. Well No. 1
4. Location of Well UNIT LETTER L 400 FEET FROM THE West LINE AND 2240 FEET FROM THE South LINE, SECTION 5 TOWNSHIP 18S RANGE 28E NMPM.	10. Field and Pool, or Wildcat Wildcat Penn.
15. Elevation (Show whether DF, RT, GR, etc.) 3644.4' GL	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 ☐
OTHER ☐

SUBSEQUENT REPORT OF:
REMEDIAL WORK ☐
COMMENCE DRILLING OPS. ☐
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 work) SEE RULE 1103.

*Results of DST #1(6678-6822') & DST #2(7035-7090') are attached with this report.

*The Drilling Inclination Record is attached with this report.

*The 2-26-86, Schlumberger CNL-CET Logs are attached with this report.

*The 3-22-86, Wellex CBL is attached with this report.

3-13-86/3-17-86: Perf Cisco Lime with 10-0.41" Holes(8214,16,17,18,20,30,32,33,34,36')
Treat with 2000-Gal 20% NeFe Acid, 1000 SCF N₂/BBL and balls. Flowed and swe approx. 20-bbls. over load with slight show oil and approx. 30-MCFD gas.
Set CIBP at 8200' with 35' "H" Cement-Tested to 3000#-OK-PBTD=8163'.

3-18-86: Perf 2-Cmt. squeeze holes at 7870' & set cmt. sq. ret. at 7860'

3-19-86: Squeeze with 110-sxs "H" with 3# NaCl/Sk.

3-22-86: Ran Wellex CBL(submitted with this report) & found PBTD=7842' with no cmt. behind 5 1/2"

4-15-86: Plan to change operator
PBTD=7842'

NOTE: New operator will submit Open-Hole Logs

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

APPROVED BY Les A. Clements TITLE d/b/a METEX PIPE & SUPPLY DATE 4-15-86

Original Signed By
Les A. Clements
Supervisor District II

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

DATE **APR 23 1986**

STATE OF NEW MEXICO
OIL AND MINERALS DEPARTMENT

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PRODUCTION OFFICE	

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JUN 10 1986

O. C. D.
ARTESIA, OFFICE

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-104
Revised 10-01-78
Format 08-01-83
Page 1

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Operator
FROSTMAN OIL CORPORATION ✓

Address
P.O. DRAWER W, ARTESIA, NM 88210

Reason(s) for filing (Check proper box)		Other (Please explain)
<input type="checkbox"/> New Well	Change in Transporter of:	CHANGE OF OPERATOR
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Oil <input type="checkbox"/> Dry Gas	
<input type="checkbox"/> Change in Ownership	<input type="checkbox"/> casinghead Gas <input type="checkbox"/> Condensate	

If change of ownership give name and address of previous owner Metex Pipe & Supply, P. O. Box 1037, Artesia, NM 88210

II. DESCRIPTION OF WELL AND LEASE

Lessee Name Walter Solt State	Well No. 1	Pool Name, including Formation Wildcat Penn	Kind of Lease State, Federal or Fee State	Lease No. B-3823
Unit Letter <u>L</u> : <u>400</u> Feet From The <u>West</u> Line and <u>2240</u> Feet From The <u>South</u> Line of Section <u>5</u> Township <u>18 South</u> Range <u>28 East</u> , NMPM, <u>Eddy</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rgs. Is gas actually connected? When

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

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

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

FROSTMAN OIL CORPORATION

by: Rance Forister (Signature)

Rance Forister, President

(Title)

June 9, 1986

(Date)

OIL CONSERVATION DIVISION

APPROVED JUN 10 1986, 19

BY Original Signed By

Les A. Clements

TITLE Supervisor District II

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviated tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for all wells on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiple completed wells.

NO. OF COPIES RECEIVED	
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H.E.	<input checked="" type="checkbox"/>
S.G.S.	<input checked="" type="checkbox"/>
AT OFFICE	<input checked="" type="checkbox"/>
PE. FOR	<input checked="" type="checkbox"/>

NEW MEXICO OIL CONSERVATION COMMISSION

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

RECEIVED BY

JAN 21 1987

O. C. D.

SUNDY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR NOTICES TO LAND OWNERS OF OIL AND GAS WELLS IN A DIFFERENT RESERVOIR. USE APPLICATION FOR A DIFFERENT RESERVOIR.)

5a. Indicate Type of Lease	State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	B-3823	

OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/>	OTHER <input type="checkbox"/>
Name of Operator Frostman Oil Corporation ✓		
Address of Operator P. O. Drawer W, Artesia, NM 88210		
Location of Well UNIT LETTER <u>L</u> , <u>400</u> FEET FROM THE <u>West</u> LINE AND <u>2240</u> FEET FROM THE <u>South</u> LINE, SECTION <u>5</u> TOWNSHIP <u>18 S</u> RANGE <u>28E</u> N.M.P.M.		

7. Unit Agreement Name
8. Form of Lease Name Walter C. & J.
9. Well No. 1
10. Field and Pool, or Wildcat Wildcat Penn
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 <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
EMERGENCY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPHS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
WELL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	

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.

6/23/86: Shot off casing at 7846' with jet shot. Pulled casing out of hole.

6/25/86: Installed Halliburton packer shoe on bottom & Lynes casing formation packer 157' above bottom casing. Ran casing back to T.D. Packer shoe at 7832, Lynes packer at 7690. Dropped ball, loaded casing, broke circulation. Cemented with 100 Sxs of Class H Cement. Pumped plug down. Pressured casing to 3250'. Plug down 5:30 p.m. 6/25/86.

6/30/86: Ran bond log top of cement at 7400'. Perforated 7778' - 7787' (10 holes) acidized with 1000 gals of 15% acid. Swabbing all water.

7/2/86 : Perforated 7810'-7812' (1 shot per foot). Swabbed with packer at 7794' - all water.

7/3/86 : Perforated 7742' - 7756' (15 holes) Set bridge plug at 7768', packer at 7685', acidized with 1000 gal. 15% acid. Swabbed - all water.

7/9/86 : Perforated 7518' to 7534' (16 ft. - 17 holes). Acidized with 1000 gals. 15% acid. Swabbed - all water.

Set bridge plug at 7490', pulled tubing and shut'in well.

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

PROSTMAN OIL CORPORATION
SIGNED: Clarence Forister TITLE Clarence Forister, President DATE 1/20/87
Original Signed By
Leslie A. Clements
Supervisor District H
APPROVED BY: _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

JAN 27 1987

STATE OF NEW MEXICO
OIL AND MINERALS DEPARTMENT

NO. 1	IS RECEIVED	
DISTRIBUTION		
INTAKE	<input checked="" type="checkbox"/>	
LE	<input checked="" type="checkbox"/>	
S.O.D.		
IND OFFICE		
TRANSPORTER	OIL	
	GAS	
PERATOR		
IONATION OFFICE	<input checked="" type="checkbox"/>	

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

RECEIVED
Form C-104
Revised 10-01-78
Format 06-01-83
Page 1

AUG 24 '88

O. C. D.
ARTESIA OFFICE

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Operator I. & W, Inc.
Address P. O. Box 98, Loco Hills, New Mexico 88255

Reason(s) for filing (Check proper box)		Other (Please explain)	
<input type="checkbox"/> New Well	Change in Transporter of:		
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Oil	<input type="checkbox"/> Dry Gas	
<input type="checkbox"/> Change in Ownership	<input type="checkbox"/> Casinghead Gas	<input type="checkbox"/> Condensate	

Change of ownership give name and address of previous owner Frostman Oil Company, P. O. Drawer "W", Artesia, New Mexico 88210

DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, including Formation	Kind of Lease	Lease No.
Walter Solt State	1	Wolfcamp	State, Federal or Fee State	SWD-130

Location

U. S. Section "L" : 2240' Feet From The FSL Line and 400' Feet From The FWL

Line of Section 5 Township 18-S Range 28-E NMPM, Eddy County

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge.
Is gas actually connected?	When

Post ID-3
12-9-88
chg up

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

NOTE: Complete Parts IV and V on reverse side if necessary.

I. CERTIFICATE OF COMPLIANCE

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

Beggy L. Bell
(Signature)

Office Manager
(Title)

8-23-88
(Date)

OIL CONSERVATION DIVISION

APPROVED DEC 6 1988, 19

BY Original Signed By
Mike Williams
TITLE

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deeper well, this form must be accompanied by a tabulation of the deviate tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for all wells on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of own well name or number, or transporter, or other such change of conditions.

Separate Forms C-104 must be filed for each pool in multi-completed wells.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2018
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-

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OPERATOR	<input checked="" type="checkbox"/>

JUL 26 '88

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.

SWD-130

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 <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Disposal Well	7. Unit Agreement Name Walter Solt State No.
2. Name of Operator I. & W, Inc. <input checked="" type="checkbox"/>	8. Farm or Lease Name Solt #1
3. Address of Operator P. O. Box 98, Loco Hills, New Mexico 88255	9. Well No. 1
4. Location of Well UNIT LETTER "L" 2240' FEET FROM FSL INE AND 40 FEET FROM THE FWL LINE, SECTION 5 TC HIP 18-S RANGE 28-E NMPM.	10. Field and Pool, or Wildcat Wolfcamp
15. Elevation: Show whether D. T, GR, etc.) 3644.4' -r.	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 <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	HER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER run tubing, acidizing

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.

2-8-88 Run tbgs. hit fill at 7468', circulate to 7830', pump packer fluid.
2-9-88 set packer at 7457', pump treatment of 500 gal. zeloline, 5000 Gal. 15% NE Acid.
Test to 500# W/ state man on location, held for 30 min.
Shut in waiting on battery to be build.

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

SIGNED Peggy L. Bell TITLE Office Mgr. DATE 7-23-88

Original Signed By
Mike Williams

APPROVED BY Mike Williams TITLE DATE DEC 6 1988

CONDITIONS OF APPROVAL, IF ANY:

FIELD _____ COUNTY _____ ady, NM OCC NUMBER _____
OPERATOR Metex Pipe & Supply ADDRESS P. O. Box 1037, Artesia, New Mexico 88210
CASE Walter Solt State WELL NO. 1
SURVEY NW/4, SW/4, Section 5, T-18-S, R-28-E

RECORD OF INCLINATION

<u>DEPTH (FEET)</u>	<u>ANGLE OF INCLINATION (DEGREES)</u>
6114	4 1/4
6207	4 3/4
6229	4 3/4
6274	4 3/4
6305	4 3/4
6367	4 3/4
6427	4 1/2
6461	4 1/2
6524	4
6587	3 1/4
6648	3 1/4
6772	3
6936	2 1/2
7095	2
7485	1 1/4
7975	1 1/4
8500	1 1/4

Certification of personal knowledge inclination data:

I hereby certify that I have personally assembled the data and facts placed on this form, and such information given above is true and complete to the best of my knowledge.

HONDO DRILLING COMPANY

BY: _____

Walter Frederickson
Vice President

Sworn and subscribed to before me the undersigned authority, on this the

19th day of February, 1986.

Margaret B. Anderson Notary Public in and for Midland County, Texas
Margaret B. Anderson

FIELD _____ COUNTY Eddy, NM OCC NUMBER _____
OPERATOR Metex Pipe & Supply ADDRESS P. O. Box 1037, Artesia, New Mexico 88210
SE Walter Solt State WELL NO. 1
SURVEY NW/4, SW/4, Section 5, T-18-S, R-28-E

RECORD OF INCLINATION

<u>DEPTH (FEET)</u>	<u>ANGLE OF INCLINATION (DEGREES)</u>
354	3/4
667	3/4
1001	3/4
1406	3/4
1685	3/4
2068	1 1/2
2690	1 1/4
2970	3/4
3610	1
3905	1 1/4
4155	1
4341	1
4478	3/4
4621	1
4746	1 1/2
4965	1 3/4
5158	1 3/4
5246	1 3/4
5340	2
5434	2 1/4
5519	2 1/2
5623	2 3/4
5717	3 1/2
5780	4
5843	4 1/2
5897	4 1/2
5958	4 3/4
5977	4 1/2
5990	4 1/4
6052	4 3/4
6083	4 3/4

Certification of personal knowledge inclination data:

I hereby certify that I have personally assembled the data and facts placed on this form, and such information given above is true and complete to the best of my knowledge.

HONDO DRILLING COMPANY

BY: _____

Walter Frederickson
Vice President

Sworn and subscribed to before me the undersigned authority, on this the

19th day of February, 1986.

Margaret B. Anderson Notary Public in and for Midland County, Texas.
Margaret B. Anderson

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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DISTRIBUTION		
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FILE	<input checked="" type="checkbox"/>	
A.S.G.S.		
LAND OFFICE		
TRANSPORTER	<input checked="" type="checkbox"/>	
OPERATOR	<input checked="" type="checkbox"/>	
OPERATION OFFICE		

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-104
Revised 10-01-78
Format 06-01-83
Page 1

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Operator
I. & W, Inc.

Address
P. O. Box 98, Loco Hills, New Mexico 88255

Reason(s) for filing (Check proper box)		Other (Please explain)
<input type="checkbox"/> New Well	Change in Transporter of:	
<input type="checkbox"/> Recompletion	<input checked="" type="checkbox"/> Oil	<input type="checkbox"/> Dry Gas
<input type="checkbox"/> Change in Ownership	<input type="checkbox"/> Casinghead Gas	<input type="checkbox"/> Condensate

change of ownership give name
and address of previous owner

DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, including Formation	Kind of Lease	Lease No.
Walter Solt State	1	Wolfcamp	State, Federal or Fee State	SWD-130
Location				
Corner "L" : 2240' Feet From The South Line and 400' Feet From The West				
Line of Section 5	Township 19-S	Range 28-E	NMPM,	Eddy Count

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Navajo Trucking	P. O. Box 159, Artesia, New Mexico 88210
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When
	L 5 19-S 28-E

Part ID-2
12-9-88
comp SWD

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

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

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

Mike Butts
(Signature)
Manager
(Title)
10-27-88
(Date)

OIL CONSERVATION DIVISION

APPROVED DEC 6 1988, 19
BY Original Signed By
Mike Williams
TITLE

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

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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FILE	<input checked="" type="checkbox"/>
OFFICE	<input checked="" type="checkbox"/>
OPERATOR	

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
SWD-130	

TYPE OF WELL Salt Water Disposal <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>		RECEIVED AUG 24 '88 O. C. D. ARTS & MIN. OFFICE
TYPE OF COMPLETION NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>		
Name of Operator I. & W, Inc. <input checked="" type="checkbox"/>		
Address of Operator P. O. Box 98, Loco Hills, New Mexico 88255		
Location of Well		

7. Unit Agreement Name
8. Farm or Lease Name Walter Solt State #1
9. Well No. 1
10. Field and Pool, or Wildcat Wolfcamp

IT LETTER L LOCATED 400 FEET FROM THE West LINE AND 2240 FEET FROM

E. South LINE OF SEC. <u>5</u> TWP. <u>18-S</u> RGE. <u>28-E</u> NMPM		12. County Eddy
1. Date Spudded 5-28-83	16. Date T.D. Reached 8-12-83	18. Elevations (DF, KKB, RT, GR, etc.) 3644.4' Gr.
19. Elev. Casinghead 3654.4' KB	2. Total Depth 8500	21. Plug Back T.D. 7981'
22. If Multiple Compl., How Many	23. Intervals Drilled By X	24. Rotary Tools Cable Tools
1. Producing Interval(s), of this completion - Top, Bottom, Name		25. Was Directional Survey Made No

3. Type Electric and Other Logs Run Micro-seismogram	27. Was Well Cored No
---	--------------------------

3. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	54.5#	354'	17-1/2"	350 Sacks	
8 5/8"	24#	1745'	11"	650 "	
5 1/2"	17# N-80	8466'	7 1/8"	135 "	620'

9. Plastic LINER RECORD 7500'				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
2-7/8" O. D.		7500			2-7/8"	7500"
						7500'

1. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Perfs 16 holes 7518'-7534'	2 cmt.	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
Perfs 10 holes 7632'-7642'			5000 Gallons of Acid
Perfs 14 holes 7742'-7756'			
Perfs 10 holes 7778'-7787'			
Perfs 3 holes 7810'-7812'			

13. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	

14. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed by
--	-------------------

15. Attachments

16. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED Reggie L. Bell TITLE Office Manager DATE 8-23-88

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

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

DISTRICT III
P.O. Box 100, Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

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

JUN 4 1991

WELL API NO.

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. 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. Type of Well:

OIL
WELL ☐

GAS
WELL ☐

OTHER SWD

2. Name of Operator

I & W, Inc.

3. Address of Operator

P.O. Box 98 Loco Hills, NM 88255

4. Well Location

Unit Letter L : 400 Feet From The West Line and 2240 Feet From The South Line

Section 5

Township 18S

Range 28E

NMPM

Eddy

County

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

3644.4 GR

7. Lease Name or Unit Agreement Name

Walter Solt State SWD

8. Well No.

1

9. Pool name or Wildcat

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 ☐

REPAIR 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.

Cement Squeeze: 5/3/91 to 5/9/91

1. Found hole in casing @ 7390'
2. Squeezed w/25 sks. premium plus w/2% CaCl₂ @ 14.8#/gal and 250 sks. neat @ 14.8#/gal.
3. Found cmt. top @ 6250' by temp. survey.
4. Drilled out cement & tested squeeze to 400# for 30 min. No pressure loss.
5. Ran back pkr. & tbq. & set @ 7457'. Tested backside to 300# for 30 min. No pressure loss. Well put back in operation.

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

SIGNATURE

Michael R. Butts

TITLE

General Manager

DATE

6/3/91

TYPE OR PRINT NAME

Michael R. Butts

TELEPHONE NO.

746-42

(Leave space for State Use)

ORIGINAL SIGNED BY

MIKE WILLIAMS

APPROVED BY

SUPERVISOR, DISTRICT II

TITLE

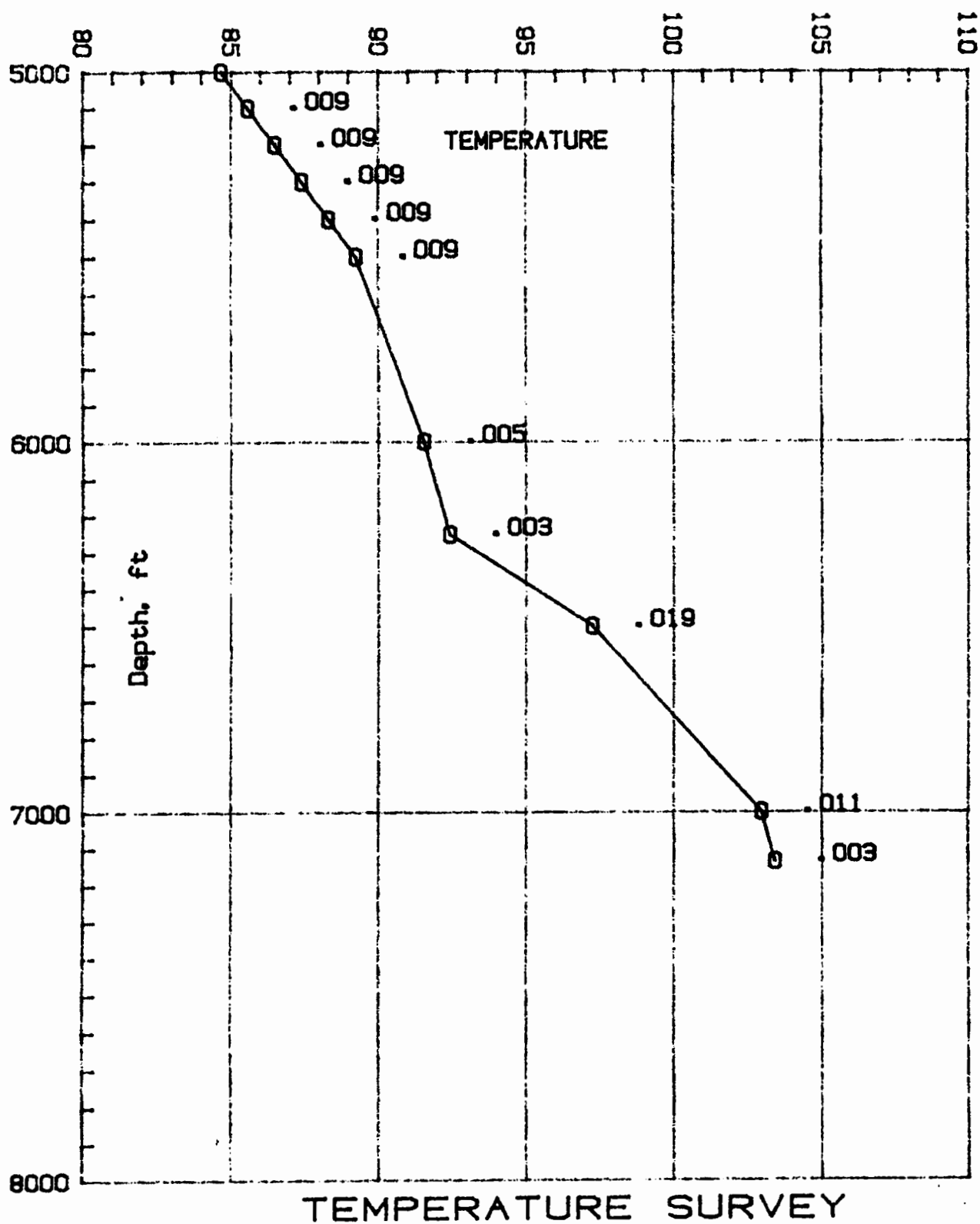
DATE

JUN 5 1991

CONDITIONS OF APPROVAL, IF ANY:

DEPTH ft	dDEPTH ft	TEMP °F	dTEMP °F	GRADIENT °F /ft
5000		84.6		
5100	100	85.6	.9	.009
5200	100	86.5	.9	.009
5300	100	87.4	.9	.009
5400	100	88.3	.9	.009
5500	100	89.2	.9	.009
6000*	500	91.5	2.3	.005
6250	250	92.4	.9	.003
6500	250	97.2	4.8	.019
7000	500	103.0	5.7	.011
7134	134	103.4	.4	.003

CEMENT TOP @ 6250 ft.



I & V INC.

Field : EMPIRE ABO

Well # 1

Lease : VALTER SOLT SWD

County : EDDY

State : N. M.

Date of Run : 5/ 8/91

Gauge # 494

Run by : RAMON

5-18-28

RECEIVED

JUN 14 1991

O. D. O.

ARTESIA, NM

✓
DENNETT-CATHEY

TEMPERATURE
SURVEY
REPORT

FOR:
I & W INC.
5/ 6/91

WELL INFORMATION :

LEASE :WALTER SOLT SWD
LOCATION :N/A
COUNTY :EDDY

WELL # 1

FIELD :EMPIRE ABO

FILE # IWWS1
STATE :N.M.

ELEVATION : 0.00

ZERO POINT :G.L.

TUBING SIZE :0

DEPTH : 0.0

CASING SIZE :0

DEPTH : 0.0

PACKER TYPE :0

@ 0.00 feet

PERFORATED 0.0 to

0.0 feet

TOTAL DEPTH : 7134.0

TEST INFORMATION :

WELL CONDITION :SQUEEZE

WELL TYPE :DISPOSAL

SURFACE TUBING PRESSURE 0 psig by N/A

SURFACE CASING PRESSURE 0 psig by N/A

BOTTOM HOLE TEMPERATURE 0 deg. F. at 7134.0 feet

BOTTOM HOLE PRESSURE 103.4 psig at 7134.0 feet

INSTRUMENT TYPE : KELTNER

NUMBER : 494

RUN BY : RAMON

C WIRELINE dba DENNETT-CATHEY,P.O.BOX 787 ARTESIA,NM 88210

IT IS THEREFORE ORDERED: **SWD-318** **5/24/87**

1507 # PDL

7500
113 - 911 - 60
2 H 11
0 141

That the applicant herein, I & W Inc. is hereby authorized to complete its Walter Solt State Well No. 1, located in Unit L of Section 5, Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico, in such a manner as to permit the injection of salt water for disposal purposes into the Wolfcamp formation at approximately 7518 feet to approximately 7812 feet through 2 7/8 inch plastic lined tubing set in a packer located at approximately 6000 feet.

1-21-87

Acoustic Cement Bond-

6000 - 7816

Comp Neutron. - LD

5000 - 8483

~~DL MSFL~~

6 - 8481

Electromagnetic Prop.

5000 - 8456

4-21-86

Micro Seismogram

Log Cased Hole

7300 - 7842

Cement Bond Log Variable Density

7690 - 8393

Cement Evaluation Log.

7900 - 8398

Change of Operator

NN

Information

New Operator Information

Effective Date: Effective on the date of a

56

OGRID:

283037

W INC

Name:

WALTER SOLT, LLC

BOX 98

Address:

PO Box 70

LOCO HILLS, NM 88255

City, State, Zip: Loco Hills, NM 88255

The rules of the Oil Conservation Division have been complied with a
firm and the certified list of wells is true to the best of my knowledge

ing below, WALTER SOLT, LLC certifies that it has read and unders
e rules.

TOR certifies that all below-grade tanks constructed and installed p
selected wells being transferred are either (1) in compliance with 19
rsuant to 19.15.17.13 NMAC or (3) have been retrofitted to comply
7.11(I) NMAC.

I understand that the OCD's approval of this operator change:

approval of the transfer of the permit for any permitted pit, below-grade
associated with the selected wells; and

approval of the transfer of any below-grade tanks constructed and ins

As the operator of record of wells in New Mexico, WALTER SOLT, LLC agrees to the following statements:

1. I am responsible for ensuring that the wells and related facilities comply with applicable statutes and rules, and am responsible for all regulatory filings with the OCD. I am responsible for knowing all applicable statutes and rules, not just the rules referenced in this list. I understand that the OCD's rules are available on the OCD website under "Rules," and that the Water Quality Control Commission rules are available on the OCD website on the "Publications" page.
2. I understand that if I acquire wells from another operator, the OCD must approve the operator change before I begin operating those wells. See 19.15.9.9.B NMAC. I understand that if I acquire wells or facilities subject to a compliance order addressing inactive wells or environmental cleanup, before the OCD will approve the operator change it may require me to enter into an enforceable agreement to return those wells to compliance. See 19.15.9.9.C(2) NMAC.
3. I must file a monthly C-115 report showing production for each non-plugged well completion for which the OCD has approved an allowable and authorization to transport, and injection for each injection well. See 19.15.7.24 NMAC. I understand that the OCD may cancel my authority to transport from or inject into all the wells I operate if I fail to file C-115 reports. See 19.15.7.24.C NMAC.
4. I understand that New Mexico requires wells that have been inactive for certain time periods to be plugged or placed on approved temporary abandonment. See 19.15.25.8 NMAC. I understand the requirements for plugging and approved temporary abandonment in 19.15.25 NMAC. I understand that I can check my compliance with the basic requirements of 19.15.25.8 NMAC by using the "Inactive Well List" on OCD's website.
5. I must keep current with financial assurances for well plugging. I understand that New Mexico requires each state or fee well that has been inactive for more than two years and has not been plugged and released to be covered by a single-well financial assurance, even if the well is also covered by a blanket financial assurance and even if the well is on approved temporary abandonment status. See 19.15.8.9.C NMAC. I understand that I can check my compliance with the single-well financial assurance requirement by using the "Inactive Well Additional Financial Assurance Report" on the OCD's website.
6. I am responsible for reporting releases as defined by 19.15.29 NMAC. I understand the OCD will look to me as the operator of record to take corrective action for releases at my wells and related facilities, including releases that occurred before I became operator of record.
7. I have read 19.15.5.9 NMAC, commonly known as "Part 5.9," and understand that to be in compliance with its requirements I must have the appropriate financial assurances in place, comply with orders requiring corrective action, pay penalties assessed by the courts or agreed to by me in a settlement agreement, and not have too many wells out of compliance with the inactive well rule (19.15.25.8 NMAC). If I am in violation of Part 5.9, I may not be allowed to drill, acquire or produce any additional wells, and will not be able to obtain any new injection permits. See 19.15.16.19 NMAC, 19.15.26.8 NMAC, 19.15.9.9 NMAC and 19.15.14.10 NMAC. If I am in violation of Part 5.9 the OCD may, after notice and hearing, revoke my existing injection permits. See 19.15.26.8 NMAC.
8. For injection wells, I understand that I must report injection on my monthly C-115 report and must operate my wells in compliance with 19.15.26 NMAC and the terms of my injection permit. I understand that I must conduct mechanical integrity tests on my injection wells at least once every five years. See 19.15.26.11 NMAC. I understand that when there is a continuous one-year period of non-injection into all wells in an injection or storage project or into a saltwater disposal well or special purpose injection well, authority for that injection automatically terminates. See 19.15.26.12 NMAC. I understand that if I transfer operation of an injection well to another operator, the OCD must approve the transfer of authority to inject, and the OCD may require me to demonstrate the well's mechanical integrity prior to approving that transfer. See 19.15.26.15 NMAC.
9. I am responsible for providing the OCD with my current address of record and emergency contact

information, and I am responsible for updating that information when it changes. See 19.15.9.8.C NMAC. I understand that I can update that information on the OCD's website under "Electronic Permitting."

10. If I transfer well operations to another operator, the OCD must approve the change before the new operator can begin operations. See 19.15.9 9.8 NMAC. I remain responsible for the wells and related facilities and all related regulatory filings until the OCD approves the operator change. I understand that the transfer will not relieve me of responsibility or liability for any act or omission which occurred while I operated the wells and related facilities.

Previous Operator

Signature: Bayless E Irby
Printed
Name: Bayless E Irby
Title: Vice President
Date: 10-12-11 Phone: 746-6915

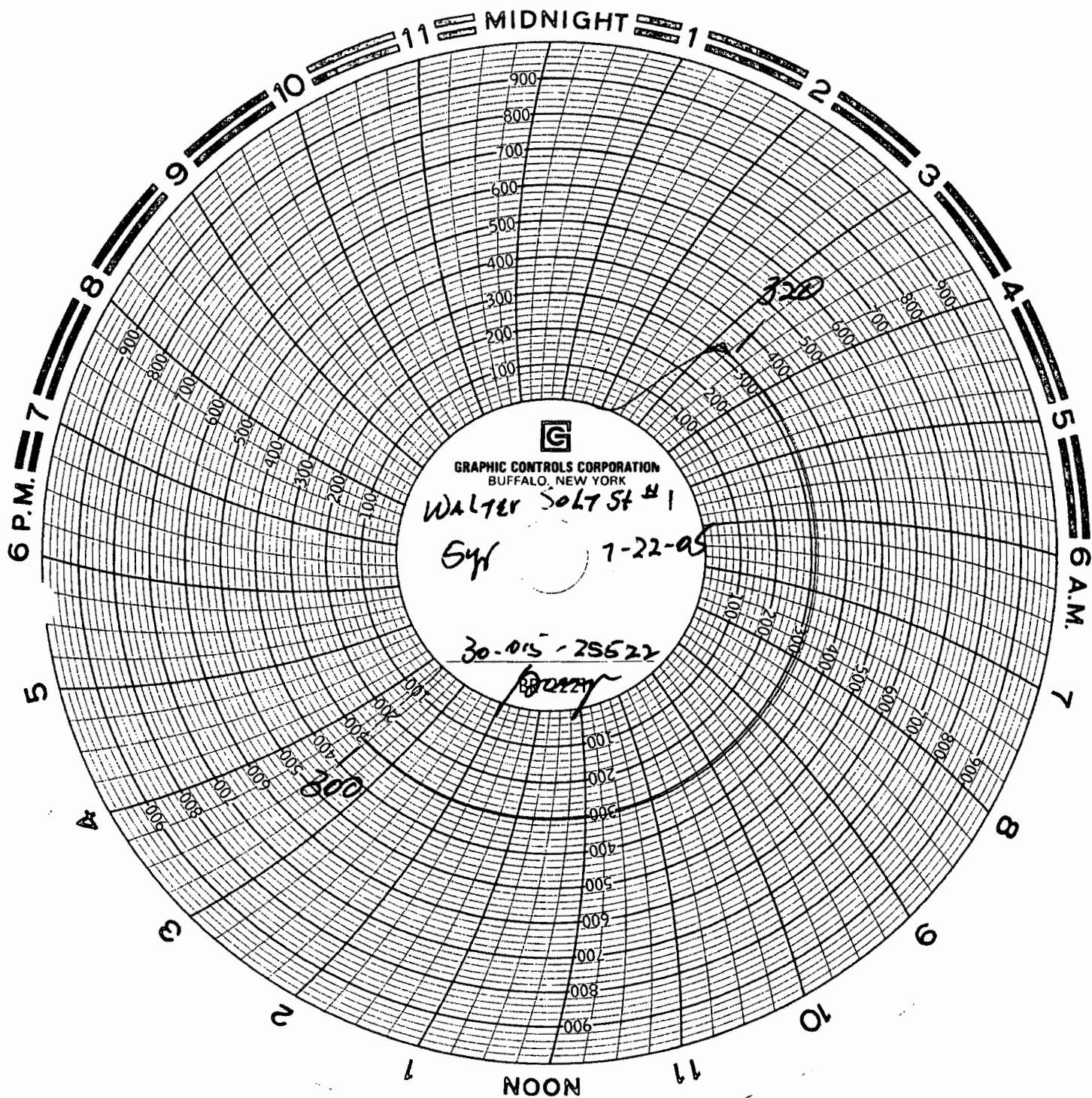
New Operator

Signature: Daryl Savage
Printed
Name: Daryl Savage
Title: Partner
Date: 10/12/11 Phone: 575-746-6681

NMOCD Approval

Electronic Signature: Randy Dade, District 2

Date: October 12, 2011



SUBSURFACE

NAVAJO REFINING COMPANY, L.L.C.

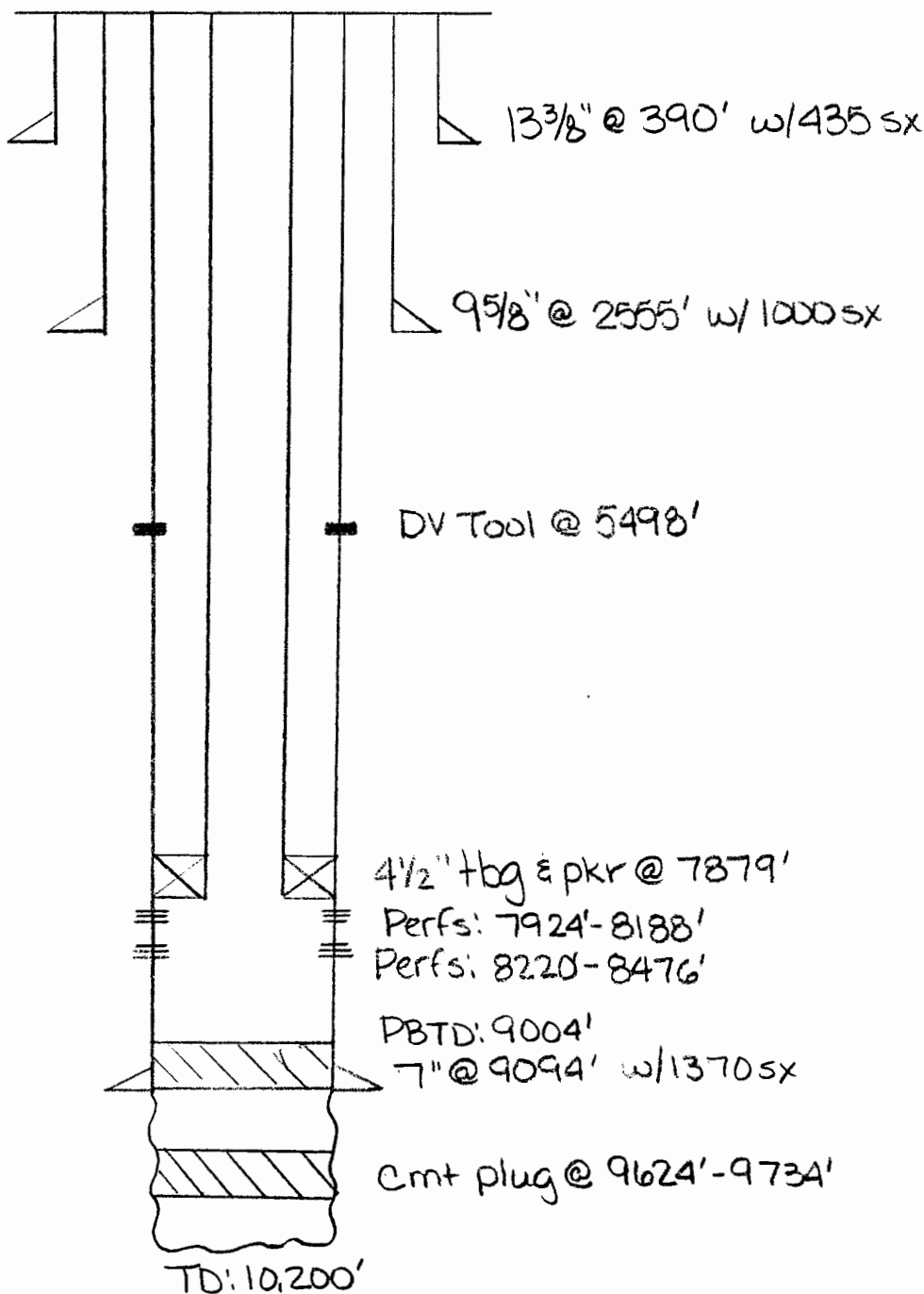
Map ID No. 151

Artificial Penetration Review

OPERATOR Navajo Refining
LEASE Waste Disposal Well
WELL NUMBER 1
DRILLED 8/04/1993
PLUGGED NA

STATUS Active-Injection
LOCATION Sec. 31-T 17S-R 28E
MUD FILLED BOREHOLE NA
INJECTION ZONE 7450'
API NO. 30-015-27592

REMARKS:



Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
Artesia, NM 88210

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-185
Revised 1-1-89

OIL CONSERVATION DIVISION
2040 Pacheco St.
Santa Fe, NM 87505

WELL AP NO.
30-015-27592
1. Indicate Type of Lease
STATE ☒ FEE ☐
2. State Oil & Gas Lease No.
30-2071-28

WELL COMPLETION OR RECOMPLETION REPORT AND LOG
1a. Type of Well: OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER ☐ Class ☐ Disposal ☐
1b. Type of Completion: NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ FLUD BACK ☐ DEEP REPAIR ☐ OTHER ☐ Reentry ☐
2. Name of Operator
Navajo Refining Company
3. Address of Operator
Post Office Box 159, Artesia, New Mexico 88211
4. Well Location
Unit Letter 0 : 2310 Feet From The East Line and 660 Feet From The South Line

Section 31 Township 17S Range 28E NMPM Eddy County
10. Date Spudded 8/4/93
11. Date T.D. Reached 9/9/93
12. Date Compl. (Ready to Prod.) 8/4/98
13. Elevations (DFA, RKB, RT, GR, etc.) 3678 feet GR
14. Elev. Casingshead --
15. Total Depth 10,200 feet
16. Plug Back T.D. 9004 feet
17. If Multiple Compl. How Many Zones? 1
18. Intervals Drilled By Rotary Tools All
19. Producing Interval(s), of this completion - Top, Bottom, Name 7924 feet to 8476 feet (Cisco)
20. Was Directional Survey Made Yes
21. Type Electric and Other Logs Run Drill Laterlog, Density Neutron, Sonic (already submitted)
22. Was Well Cored No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48	390	17-1/2	375 sacks "C" Lite +	None
				150 sacks "C" Neet	
9-5/8"	36	2555	12-1/4	800 sacks "C" Lite +	None
				200 sacks "C" Neet	
7"	26 & 29	9094	8-3/4	220 sx "C" Lite + 1150	1150 sx "H" Lite None

LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					4-1/2	7879
						7879

26. Perforation record (interval, size, and number) 2 ispf, total 342 holes				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
				DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
7924-42, 7974-8030, 8050-56, 8066-80, 8132-40,				7924 - 8188	5000 gal 15% HCl + salt
8118-8127, 8160-64, 8170-88, 8220-54, 8260-70,				8220 - 8476	5000 gal 15% HCl + salt
8280-8302, 8370-78, 8360-66, 8400-10, 8419-23,					
8430-46, 8460-64, and 8470-76					

PRODUCTION

1. Date First Production N/A
Production Method (Flowing, gas lift, pumping - Size and type pump) N/A
Well Status (Prod. or Shut-in) Shut-in
2. Date of Test Hours Tested Choke Size Prod'n For Test Period Oil - Bbl Gas - MCF Water - Bbl Gas - Oil Ratio
3. Flow Tubing Press. Casing Pressure Calculated 24-Hour Rate Oil - Bbl Gas - MCF Water - Bbl Oil Gravity - API - (Corr.) Post ID-2
4. Disposition of Gas (Sold, used for fuel, vented, etc.) Test Witnessed By 6-14-99 Disp Well

5. Comments
Reentry and completion report to follow.

6. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Donnell Moore Printed Name Donnell Moore Title Env. Mgr. & Writer Date 9/21/98

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
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

WELL API NO.
30-015-27592

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.
B-2071-28

7. Lease Name or Unit Agreement Name

Chalk Bluff "31" State

8. Well No.
1

9. Pool name or Wildcat
Illinois Camp Morrow North

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

RECEIVED

2. Name of Operator

Hewbourne Oil Company ✓

AUG - 9 1993

3. Address of Operator

P.O. Box 5270 Hobbs, New Mexico 88240

C. I. D.

4. Well Location

Unit Letter 0 : 2310 Feet From The East Line and 660 Feet From The South Line

Section 31

Township 17S

Range 28E

NMPM

Eddy

County

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

3678' GR

11.

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

NOTICE OF INTENTION TO:

FORM 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.

08/04/93 MIRU WEK Drlg. Co. Rig #2. Spudded 17-1/2" surface hole @ 11:00 p.m. 08/04/93

08/05/93 T.D. surface hole @ 390' KB. Ran 9 Jts. of new 43#, J-55, 8rd, ST&C 13-3/8" casing. Set @ 390' KB, Halliburton cmtd. w/375 sks. of Class "C" Lite containing 1/2#/sk. celloseal + 3% CaCl2 followed by 150 sks. of Class "C" Neet containing 3% CaCl2. Slurry weights and volumes were 12.4#, 697 cu. ft. and 14.8#, 202 cu. ft. Total slurry volume was 899 cu.ft. Compressive strength for tail slurry was 1380 psi in 12 hrs. @ 70°F. Estimated formation temperature was 68°F. Estimated slurry temperature was 78°F. WOC 12 hrs. NU annular BOP and pressure tested casing and BOP to 600# each for 30 min. Held ok. Circulated 86 sks. cement to the pit. Plug down to 348' @ 10:15 a.m. 08/05/93.

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

SIGNATURE

Bill Pierce

TITLE

Drlg. Supt.

DATE

08/06/93

(505)

OR PRINT NAME

Bill Pierce

TELEPHONE NO. 393-5905

(This space for State Use)

ORIGINAL SIGNED BY

MIKE WILLIAMS

AUG 27 1993

APPROVED BY

SUPERVISOR, DISTRICT II

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

c/sf
dp

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

DISTRICT II
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

RECEIVED

AUG 12 1993

WELL API NO.

30-015-27592

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

B-2071-28

7. Lease Name or Unit Agreement Name

Chalk Bluff "31" State

8. Well No.

9. Pool name or Wildcat

Illinois Camp Morrow North

SUNDRY NOTICES AND REPORTS ON WELLS. D.
(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

Mewbourne Oil Company

3. Address of Operator

P.O. Box 5270 Hobbs, New Mexico 88241

4. Well Location

Unit Letter 0 : 2310 Feet From The East Line and 660 Feet From The South Line

Section 31

Township 17S

Range 28E

NMPM

Eddy

County

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

3678' 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 Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

08/09/93 Drilled 12-1/4" hole to 2555' KB. Ran 57 jts. of new 9-5/8", 36#, J-55, 8rd, ST&C casing and set @ 2555' KB. Halliburton crtd. w/800 sks. of Class "C" Lite containing 1/2#/sk. flocele + 2#/sk. Gilsonite + 12#/sk. salt followed by 200 sacks of Class "C" liect containing 2% CaCl2. Plug down to 2518' @ 3:00 p.m. 08/09/93. Circulated 133 sks. to pit. Lead cement slurry yield & weight was 12.4#/gal., 1,440 cu. ft. and tail slurry weight volume was 14.8#/gal. & 270 cu. ft. Total slurry volume was 1710 cu. ft. Compressive strength for tail slurry was 1570 psi in 12 hrs. @ 82°F. Estimated formation temp. was 80°F. Estimated slurry temp was 78°F. WOC 12 hrs. NU BOP and pressure tested casing, blind rams, pipe rams, and annular preventor to 1200# each for 15 min. All held ok.

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

SIGNATURE

Bill Pierce

TITLE

Drig. Supt.

DATE

08/11/93

(505)

TYPE OR PRINT NAME

Bill Pierce

TELEPHONE NO. 93-5905

a space for State Use)

ORIGINAL SIGNED BY

MIKE WILLIAMS

APPROVED BY

SUPERVISOR, DISTRICT II

TITLE

DATE

AUG 27 1993

CONDITIONS OF APPROVAL, IF ANY:

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
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

Form C-105
Revised 1-1-89

WELL API NO.

30-015-27592

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

B-2071-28

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> OTHER _____		7. Lease Name or Unit Agreement Name Chalk Bluff "31" State	
b. Type of Completion: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> OTHER _____		8. Well No. 1	
2. Name of Operator Newbourne Oil Company		9. Pool name or Wildcat Illinois Camp Morrow, North	
3. Address of Operator P.O. Box 5270 Hobbs, New Mexico 88241		4. Well Location Unit Letter <u>0</u> : <u>2310</u> Feet From The <u>East</u> Line and <u>660</u> Feet From The <u>South</u> Line Section <u>31</u> Township <u>17S</u> Range <u>28E</u> NMPM Eddy County	
10. Date Spudded 08/04/93	11. Date T.D. Reached 09/09/93	12. Date Compl. (Ready to Prod.) ----	13. Elevations (DFA RKB, RT, GR, etc.) 3678' GR
14. Elev. Casinghead ---	15. Total Depth 10,200'	16. Plug Back T.D. ----	17. If Multiple Compl. How Many Zones? ---
18. Intervals Drilled By Rotary Tools All		19. Producing Interval(s), of this completion - Top, Bottom, Name -----	
20. Was Directional Survey Made No		21. Type Electric and Other Logs Run Dual laterlog, Density Neutron, Sonic (Already Submitted)	
22. Was Well Cored No			

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	390'	17-1/2"	375 sks. "C" Lite +	None
				150 sks. "C" Neet	
9-5/8"	36#	2555'	12-1/4"	800 sks. "C" Lite +	None
				200 sks. "C" Neet	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

26. Perforation record (interval, size, and number) N/A	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

28. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
Date of Test	Hours Tested	Choke Size	Prod's For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
29. Disposition of Gas (Sold, used for fuel, vented, etc.)						Test Witnessed By	

List Attachments

Deviation Report

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Bill Pierce Printed Name Bill Pierce Title Drln. Supt. Date 09/23/93

Submit 3 Copies
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
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

WELL API NO. 30-015-27592
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-2071-28
7. Lease Name or Unit Agreement Name Chalk Bluff "31" State
8. Well No. 1
9. Pool name or Wildcat Illinois Camp Morrow, North

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 TO DRILL" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	SEP 14 1993
2. Name of Operator Mewbourne Oil Company	Q. L. C.
3. Address of Operator P. O. Box 5270 ; Hobbs, New Mexico 88241	
4. Well Location Unit Letter 0 : 2310 Feet From The East Line and 660' Feet From The South Line Section 31 Township 17S Range 28E NMPM Eddy County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3678' 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 Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

9-9-93: Drilled 8 3/4" production hole to a T.D. of 10,200' K.B. Ran electric logs and evaluated well.

9-10-93: Decided to plug well. Received verbal permission from Mike Stubblefield w/NMOCDC office in Artesia to plug well. Placed cement plugs at following depths:

45 sacks of Class "H" Neet @ 9734'	40 sacks of Class "H" Neet @ 440'
45 sacks of Class "H" Neet @ 8528'	10 sacks of Class "H" Neet From
55 sacks of Class "H" Neet @ 7866'	30' to surface.
45 sacks of Class "H" Neet @ 6648'	Rig released @ 7:00 PM, 9-11-93.
45 sacks of Class "H" Neet @ 5320'	Installed dry hole marker.
45 sacks of Class "H" Neet @ 3734'	
65 sacks of Class "H" Neet w/2% CaCl ₂ @ 2605'. HOC 4 hours. Tagged top of cement plug @ 2350'.	

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

SIGNATURE Bill Rice TITLE Drilling Superintendent DATE Sept. 13, 1993

TYPE OR PRINT NAME

TELEPHONE NO.

(space for State Use)

APPROVED BY Mike Stubblefield TITLE Field Rep. 1 DATE April 11-94

CONDITIONS OF APPROVAL, IF ANY:

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N French Dr, Hobbs, NM 88240
District II - (575) 748-1283
811 S First St, Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd, Aztec, NM 87410
District IV - (505) 476-3460
0 S St Francis Dr, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised August 1, 2011

WELL API NO. 30-015-26592 27592	
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No. B-2071-28	
7. Lease Name or Unit Agreement Name Mewbourne WDW-1	
8. Well Number WDW-1	
9. OGRID Number	
10. Pool name or Wildcat: Navajo Permo-Penn 96918	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other Injection Well <input type="checkbox"/>	
2. Name of Operator Navajo Refining Company	
3. Address of Operator Post Office Box 159, Artesia, New Mexico 88211	
4. Well Location Unit Letter O : 660 feet from the South line and 2310 feet from the East line Section 31 Township 17S Range 28E NMPM County Eddy	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3678' GL	

12. 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 ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

OTHER: **PERFORM PRESSURE FALLOFF TEST**

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

November 14, 2011 - Install bottomhole gauges into WDW-1, WDW-2, and WDW-3 by 11:45am. Continue injection into all three wells.

November 15, 2011 - Continue injection into all three wells.

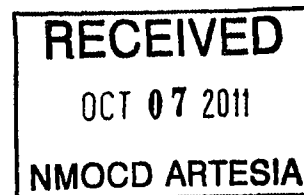
November 16, 2011 - At 12:15pm, the offset wells WDW-2 and WDW-3 will be shut-in. A constant injection rate will be established for WDW-1 and continue for a 30 hour injection period. Do not exceed 1000 psig wellhead pressure.

November 17, 2011 - At 7:00pm, WDW-1 will be shut in for a 30-hour falloff period. WDW-2 and WDW-3 will remain shut-in.

November 18, 2011 - All three wells will continue to be shut in while monitoring falloff pressure in all three wells.

November 19, 2011 - At 7:00am, acquire downhole pressure gauges from all three wells. Tag bottom of fill and come out of hole very slowly, making 7-minute gradient stops while coming out of WDW-1 every 1000 feet (7000 ft, 6000 ft, 5000 ft, 4000 ft, 3000 ft, 2000 ft, 1000 ft, surface). Run in hole with a temperature tool and conduct temperature survey from the surface to the top of the fill. Turn the wells back to Navajo personnel.

Accepted for record
NMOCD



Find Date:

Rig Release Date:

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

SIGNATURE *Timothy J. [Signature]* TITLE **Project Engineer** DATE **10/3/11**

Type or print name Timothy Jones E-mail address: thones@subsurfacegroup.com PHONE: 713-880-4640
For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
Conditions of Approval (if any):

Submit 1 Copy To Appropriate District Office
 District I - (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II - (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III - (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV - (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

Form C-103
 Revised August 1, 2011

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 <input type="checkbox"/> Gas Well <input type="checkbox"/> Other Injection Well <input type="checkbox"/> 2. Name of Operator Navajo Refining Company 3. Address of Operator Post Office Box 159, Artesia, New Mexico 88211 4. Well Location Unit Letter <u>O</u> : <u>660</u> feet from the <u>South</u> line and <u>2210</u> feet from the <u>East</u> line Section <u>31</u> Township <u>17S</u> Range <u>28E</u> NMPM County <u>Eddy</u> 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3678' GL		WELL API NO. <u>27512</u> <u>CSL</u> <u>30-015-26592</u> <u>11/4/2011</u> 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> 6. State Oil & Gas Lease No. B-2071-28 7. Lease Name or Unit Agreement Name Mewbourne WDW-1 8. Well Number WDW-1 9. OGRID Number 10. Pool name or Wildcat: Navajo Permo-Penn 96918
---	--	---

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

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> OTHER: PERFORM PRESSURE FALLOFF TEST <input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>
--	---

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

November 8, 2011 - Install bottomhole gauges into WDW-1, WDW-2, and WDW-3 by 11:45am. Continue injection into all three wells.

November 9, 2011 - Continue injection into all three wells.

November 10, 2011 - At 12:15pm, the offset wells WDW-2 and WDW-3 will be shut-in. A constant injection rate will be established for WDW-1 and continue for a 30 hour injection period. Do not exceed 1000 psig wellhead pressure.

November 11, 2011 - At 7:00pm, WDW-1 will be shut in for a 30-hour falloff period. WDW-2 and WDW-3 will remain shut-in.

November 12, 2011 - All three wells will continue to be shut in while monitoring falloff pressure in all three wells.

November 13, 2011 - At 7:00am, acquire downhole pressure gauges from all three wells. Tag bottom of fill and come out of hole very slowly, making 7-minute gradient stops while coming out of WDW-1 every 1000 feet (7000 ft, 6000 ft, 5000 ft, 4000 ft, 3000 ft, 2000 ft, 1000 ft, surface). Run in hole with a temperature tool and conduct temperature survey from the surface to the top of the fill. Turn the wells back to Navajo personnel.

Spud Date:

Rig Release Date:

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

SIGNATURE

Timothy Jones

TITLE

Project Engineer

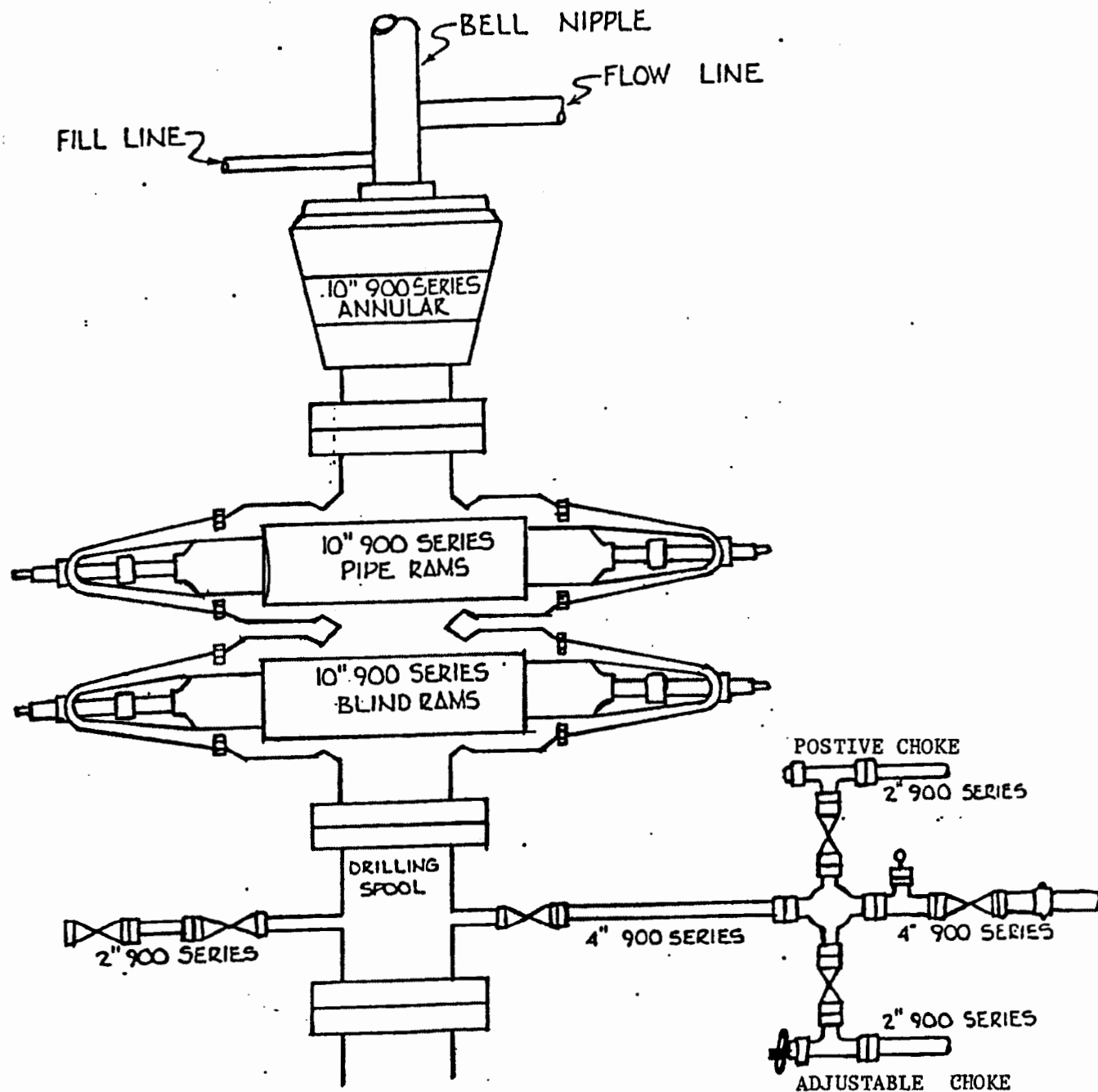
DATE

11/3/2011

Type or print name Timothy Jones E-mail address: tjones@subsurfacegroup.com PHONE: (713) 560-4905
For State Use Only

APPROVED BY: Carol J. Thomas TITLE Environmental Engineer DATE 11/4/2011
Conditions of Approval (if any):

- Fall-off tests to be run at each VIC1 - class I (NH) well.
- Issue of injection well interconnection w/ injection zone and future Fall-off test schedule to be resolved at a later date based on the preferred tests for demonstrating inter-connection between injection well(s) and injection zone.



Mewbourne Oil Company
 Chalk Bluff "31" State #1
 2310' FEL & 660' FSL
 Section 31-T17S-R28E
 Eddy County, New Mexico
 Lease # B-2071-28

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

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

DISTRICT I

Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator MEWBOURNE OIL COMPANY			Lease CHALK BLUFF 31 STATE		Well No. 1
Unit Letter 0	Section 31	Township 17 SOUTH	Range 28 EAST	County EDDY	
Actual Footage Location of Well: 2310 feet from the EAST line and 660 feet from the SOUTH line					
Ground level Elev. 3678	Producing Formation Morrow		Pool Illinois Camp Morrow North	Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

☒ Yes ☐ No If answer is "yes" type of consolidation Communitization

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

OPERATOR CERTIFICATION

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

Signature

Bill Pierce

Printed Name

Bill Pierce

Position

Drilg. Supt.

Company

Mewbourne Oil Company

Date

July 22, 1993

SURVEYOR CERTIFICATION

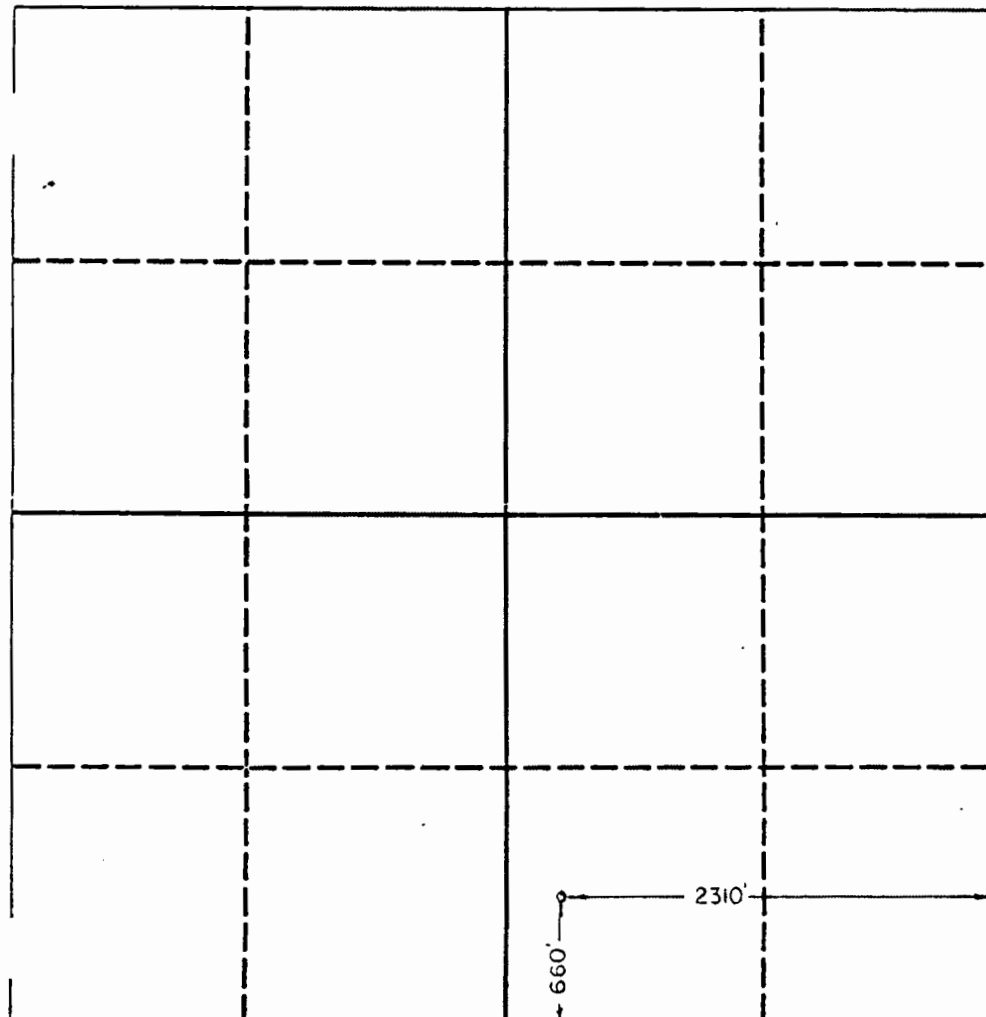
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

10/26/92

Signature & Seal of
Professional Surveyor

Herschel Jones
Certificate No. 3640



0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0



GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

CHART NO. MC MP-1000

METER _____

CHART PUT ON _____

LOCATION _____

REMARKS *APR # 30-015-27592*

P = 700 T_{STRT} = 10:42 A.M.

T_{STD} = 11:14 A.M.

PAKED!

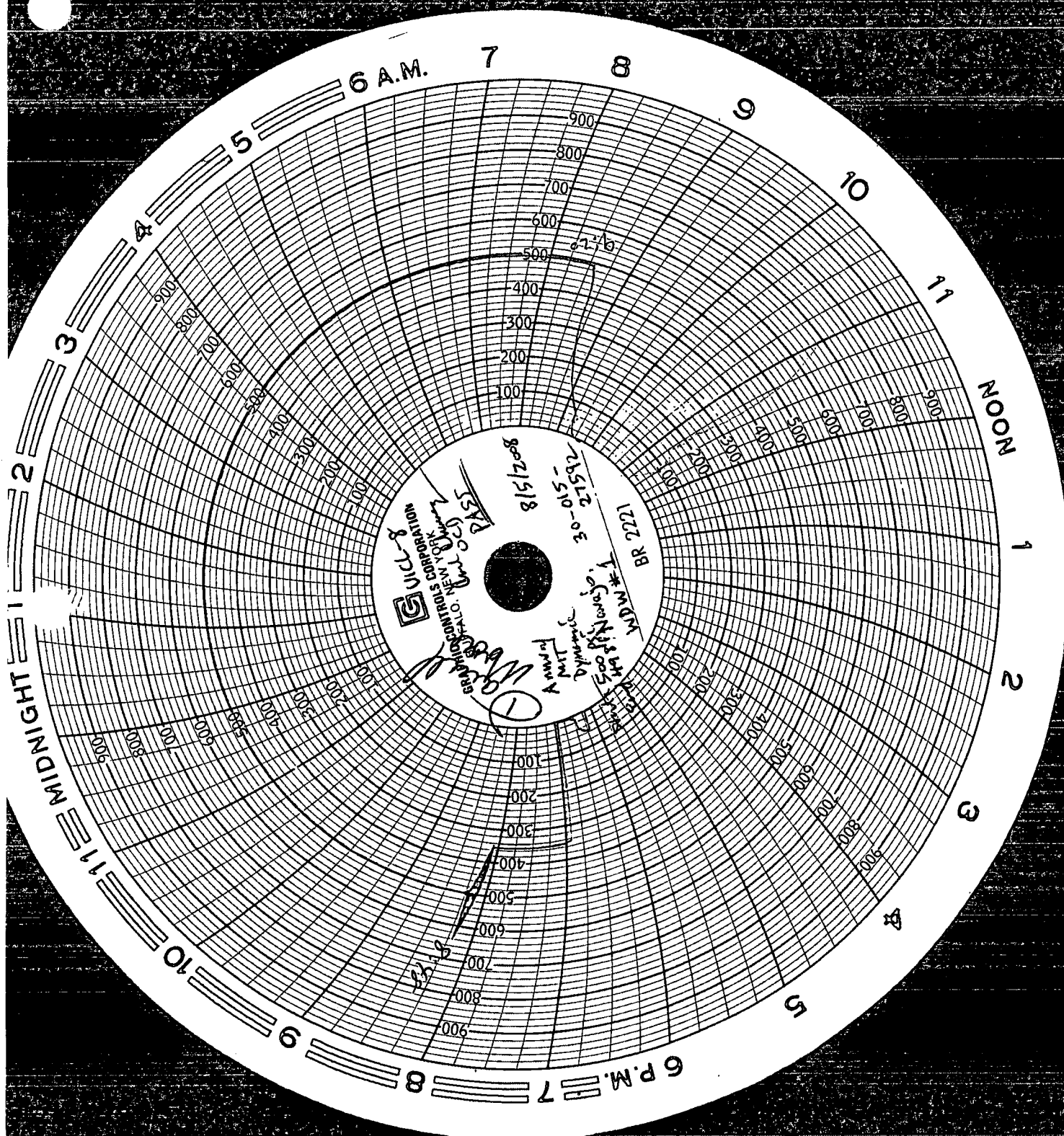
WDW-1

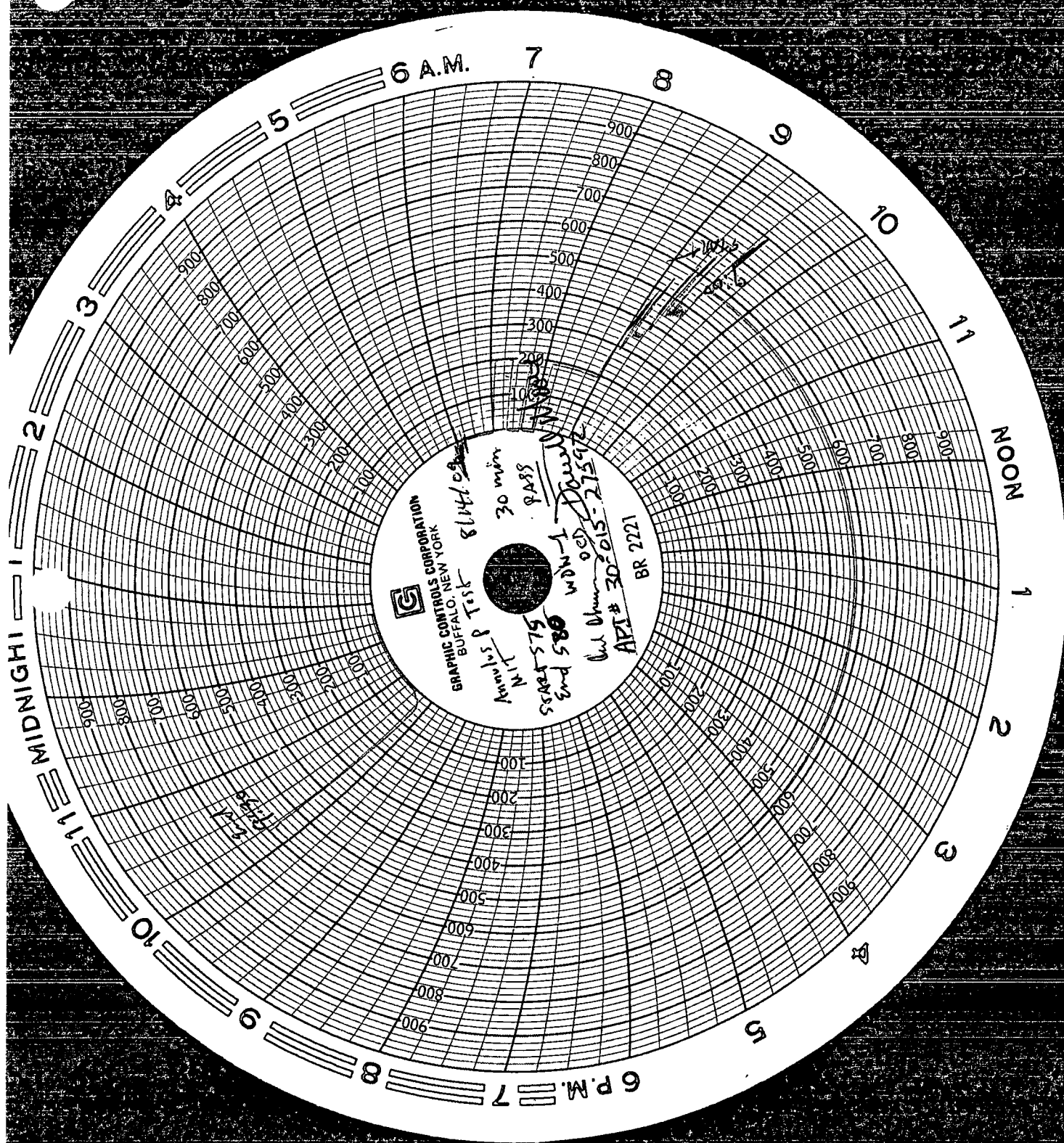
03-07-07

LOWE

TAKEN OFF

STOP T = 11:14 A.M.
6 PM
STRT T = 10:42 A.M.
BATTERY ON CHART 7
8
9





District I
PO Box 1980, Hobbs, NM 88241-1980

District II
811 South First, Artesia, NM 88210

District III
1000 Rio Grande Rd., Aztec, NM 87410

District IV
40 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-108
Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 6 Copies

Fee Lease - 5 Copies

JUL

RECEIVED
OCD - ARTESIA

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address: Navajo Refining Company Post Office Box 159 Artesia, New Mexico 88211		OGRID Number 15694
Property Code 23592		API Number 30-015-27592-0001
Property Name WDW-4		Well No. #1

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	31	17S	28E		660	South	2310	East	Eddy

8 Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Proposed Pool 1	Proposed Pool 2
Wolfcamp, Cisco, and Canyon Injection Zone	

Work Type Code	Well Type Code	Cable/Rotary	Lease Type Code	Ground Level Elevation
Re-enter	WDW	Rotary		3678 feet
Multiple	Proposed Depth	Formation	Contractor	Spud Date
	9624 Feet	Wolfcamp/Cisco/ Canyon		

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2	13-3/8	48	390	525	surface
12-1/4	9-5/8	36	2555	1000	surface
8-1/2	7	26	9600	*	surface

Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Re-enter plugged and abandoned Mewbourne Oil Company Chalk Bluff 31 State No. 1. With drilling rig, wash out hole and drill out cement plugs to 9624 feet (original total depth was 10,200 feet). Log hole. Set straddle packers and run injectivity test or if required by hole condition, set 7 inch casing at 9600 feet and cement to surface; run injectivity tests.

*Sacks of cement for 7 inch casing to be determined from calipered hole volume, plus 20%.

NOTE: See accompanying Form C-108 for additional information.

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

Signature: *Darrell Moore*

Printed name: *Darrell Moore*

For: *Mgr. for Water & Waste*

Date: *2/26/98* Phone: *505-749-3311*

OIL CONSERVATION DIVISION

Approved by: **ORIGINAL SIGNED BY TIM W. GUM**
Title: **DISTRICT II SUPERVISOR**

Approval Date: *8-6-98* Expiration Date: *8-6-99*

Conditions of Approval:
Attached: *2*

*Post ID-1
5-28-99
H.C. Gentry*

District I
PO Box 1988, Hobbs, NM 88241-1988
District II
811 South First, Artesia, NM 88210
District III
1 Rio Brumas Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-10:
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 APT Number 30-015-27592-0001		2 Pool Code		3 Pool Name Wolfcamp, Cisco, and Canyon Injection Zone	
4 Property Code WDW-1		5 Property Name			6 Well Number 1
7 OGRID No.		8 Operator Name Navajo Refining Company			9 Elevation 3678 Feet GL

10 Surface Location


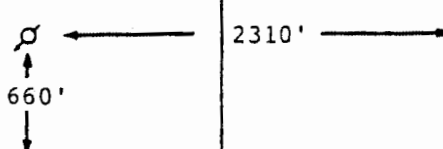
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
-0-	31	17S	28E		660	South	2310	East	Eddy

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.

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

				17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief	
				 Signature Darrell Moore Printed Name Engr. Mgr. for Water-White Title 2/28/98 Date	
				18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.	
				Date of Survey Signature and Seal of Professional Surveyor	
				Certificate Number	

See attached survey plat

TOP OF CEMENT IN INJECTION ZONE WELLS IN THE AREA OF REVIEW

Map ID No.	Casing Diameter (inches)	Setting Depth (feet)	Cement Volume (sacks)	Hole Diameter (inches)	Cement Factor (cu ft/sacks)	Hole Rugosity	Cement Height (feet)	Top of Cement (feet below ground)
161	13.375	472	450	17.5	1.1	0.8	570	Surface
	8.625	2589	900	12.25	1.1	0.8	1919	670
	5.5	9473	430	7.875	1.1			6000 ²
	4.5	10140	80	5.5	1.1	0.8	1291	Top of Liner
167	13.375	418	500	17.5	1.1	0.8	633	Surface
	8.625	2600	1150	11	1.1	0.8	3981	Surface
	5.5	10400	1000	7.875	1.1	0.8	5079	5321

Cement Height = Cement Volume * Cement Factor * Hole Rugosity * $1/(PI * (Hole Radius^2 - Casing Radius^2))$

* For Map ID No. 83, cement volume for 5.5 inch casing includes squeezes.

** For Map ID No. 124, hole diameter for 4-1/2 inch liner was not reported; 6.125 inches is estimated.

¹ Per temperature survey conducted on May 9, 1991.

² Per cement bond log on July 20, 1993. Log is included in Attachment VI-2.

ATTACHMENT VI-3

TOP OF CEMENT IN INJECTION ZONE WELLS IN THE AREA OF REVIEW

Map ID No.	Casing Diameter (inches)	Setting Depth (feet)	Cement Volume (sacks)	Hole Diameter (inches)	Cement Factor (cu ft/sacks)	Hole Rugosity	Cement Height (feet)	Top of Cement (feet below ground)
81	13.375	663	650	17.5	1.1	0.8	823	Surface
	8.625	4000	1400	11	1.1	0.8	4846	Surface
	5.5	10450	2007	7.875	1.1	0.8	10194	256
83*	13.375	354	350	17.5	1.1	0.8	443	Surface
	8.625	1745	650	.11	1.1	0.8	2250	Surface
	5.5	8466	520	7.875	1.1	0.8	6250 ¹	6250 ¹
124**	13.375	400	500	17.5	1.1	0.8	633	Surface
	9.625	2600	1100	12.25	1.1	0.8	3091	Surface
	7	9445	1895	7.875	1.1	0.8	23491	Surface
	4.5	10198	175	6.125	1.1	0.8	1635	Top of Liner
134	13.375	416	450	17.5	1.1	0.8	570	Surface
	9.625	2610	1025	12.25	1.1	0.8	2880	Surface
	5.5	10148	1020	8.75	1.1	0.8	3554	6594
144	13.375	400	100	17.5	1.1	0.8	127	273
	9.625	2600	250	12.25	1.1	0.8	702	1898
	7	8968	1200	8.75	1.1	0.8	7025	1943
	4.5	10150	200	6.125	1.1	0.8	1869	Top of Liner
157	13.375	400	425	17.5	1.1	0.8	538	Surface
	9.625	2604	1025	12.25	1.1	0.8	2880	Surface
	7	9450	1350	8.75	1.1	0.8	7903	1547
	4.5	10119	175	6.125	1.1	0.8	1635	Top of Liner

5. Injection Zone Fluid Analysis

The composition of the native formation fluid in the proposed Wolfcamp, Cisco, and Canyon injection zone is expected to be similar to that in these formations in other parts of southeastern New Mexico. The salinity of Wolfcamp, Cisco, and Canyon formation brines from hydrocarbon producing areas in northern Lea County, to the east of Eddy County, was reported by Meyer (1966, Table 4). Attachment VII-3 summarizes the salinity data reported by Meyer (1966, Table 4) for Wolfcamp, Cisco, and Canyon formation brines from limestones that were deposited in a shelf environment similar to that of the proposed injection site. The salinity of the formation brines range from 67,098 to 119,909 parts per million (ppm). The formation brines were produced from intervals that occur between 9001 feet and 10742 feet below ground. Also listed in Attachment VII-7 are data from Strawn limestones that were deposited in a platform environment and that occur at 7700 feet below ground; the salinity of the Strawn formation brine is 39,374 ppm. DST data from proposed WDW-1 indicate that the salinity of fluid recovered from the Cisco Formation in DST No. 5 is 25,000 ppm (Attachment VIII-9).

Navajo will attempt to retrieve a sample of formation brine during the proposed well testing operations. Formation brine samples will be retrieved prior to any stimulation treatments or injection into the well. As discussed above, the salinity of the formation brine in the Wolfcamp, Cisco, and Canyon injection zone is expected to be between 25,000 and 120,000 ppm.



June 25, 1998

JUN
RECEIVED
OCD - ARTESIA

Mr. Mark Ashley
New Mexico Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

RE: Response to Request for Information from June 10, 1998, on Navajo Refining
Company's Discharge Plan Application
Envirocorp Project No. 60A4696

Dear Mr. Ashley:

Enclosed please find two copies of the referenced document. A third copy of the document was transmitted to the New Mexico Oil Conservation Division (OCD), District II office in Artesia, New Mexico. The document consists of Addendum No. 1 and replacement pages for the Navajo Refining Company's (Navajo) Discharge Plan Application and Application for Authorization to Inject, dated April 1998. The document may be inserted into the back of the binder that holds Navajo's application. Instructions for inserting the replacement pages are included in Attachment A.

Please do not hesitate to contact Darrell Moore of Navajo at (505) 748-3311 or me at (713) 880-4640 if you have additional questions or need more information as you complete your review of the application.

Sincerely,

Nancy L. Niemann
Senior Geologist

NLN/paf
Attachments

- c: New Mexico Oil Conservation Division, District II (with attachments)
- Darrell Moore - Navajo Refining Company (with attachments)
- George Walbert - Holly Petroleum, Inc. (with attachments)

**ADDENDUM NO. 1
RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION
RECEIVED ON JUNE 10, 1998, FROM THE
NEW MEXICO OIL CONSERVATION DIVISION ON THE
DISCHARGE PLAN APPLICATION**

**NAVAJO REFINING COMPANY
Artesia, New Mexico**

Envirocorp Project No. 60A4696

June 1998

Prepared By:

**ENVIROCORP SERVICES & TECHNOLOGY, INC.
Houston, Texas**

ATTACHMENT A

**INSTRUCTIONS FOR UPDATING
NAVAJO'S DISCHARGE PLAN APPLICATION**

Insert Addendum No. 1 at the back of the binder that holds the application.

Remove and discard Page 2 of Attachment III-5 (Closure Plan) and replace with the enclosed page.

Remove and discard Page VI-4 of Section 6 and replace with the enclosed page.

Insert the enclosed log and Sundry Notice into the records of Map ID No. 161 in Attachment VI-2.

Remove and discard Attachment VI-3 (Top of Cement in Injection Zone Wells in the Area of Review) and replace with the enclosed table.

Remove and discard Page VII-3 of Section VII (Proposed Operations) and replace with the enclosed page.

**RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION
RECEIVED ON JUNE 10, 1998, FROM THE
NEW MEXICO OIL CONSERVATION DIVISION ON
NAVAJO REFINING COMPANY'S
DISCHARGE PLAN APPLICATION**

The following request for additional information on Navajo's discharge plan application was received by Nancy Niemann of Envirocorp in a telephone conversation on June 10, 1998, with Mark Ashley of the OCD.

REQUEST 1:

The application states that Navajo owns the land surrounding the surface location of proposed WDW-1 (the Mewbourne Oil Company Chalk Bluff 31 State No. 1). Navajo should state the owner of the land surrounding the surface locations of proposed WDW-2 and WDW-3.

RESPONSE:

Navajo is the owner of the land surrounding the surface locations of proposed WDW-2 and WDW-3, as stated in Item No. 4, Facility Ownership, of the Discharge Plan Application. Navajo owns the two acres that are shown to be surrounding proposed WDW-2 in the surveyor's plat that is included with Form C-102 for proposed WDW-2. Navajo also owns the two acres that are shown to be surrounding proposed WDW-3 in the surveyor's plat that is included with Form C-102 for proposed WDW-3.

REQUEST 2:

Navajo shall furnish to the OCD a demonstration of "the ability of the discharger to undertake measures necessary to prevent contamination of ground water," in accordance with 20 NMAC 5210.B.17.

RESPONSE:

The required demonstration will be forwarded under separate cover by Navajo.

REQUEST 3:

Formation fluid samples from the proposed injection intervals shall be retrieved before any other testing or injection.

RESPONSE:

A sentence has been added to the last paragraph of Section VII.5 that states that retrieval of formation brine samples will be attempted prior to any stimulation treatments or injection into the well. A replacement page is included.

REQUEST 4:

Was cement circulated to the surface around the surface casing and intermediate casing in proposed WDW-1?

RESPONSE:

Cement was circulated to the surface during the cementing of the surface casing of proposed WDW-1. The Daily Drilling Report for the well (first page of Attachment VIII-8) states that Halliburton circulated 86 sacks of cement to the pit on August 6, 1993, while cementing the surface casing.

Cement was circulated to the surface during the cementing of the intermediate casing of proposed WDW-1. The Daily Drilling Report for the well (second page of Attachment VIII-8) states that Halliburton circulated 133 sacks of cement to the pit on August 10, 1993, while cementing the intermediate casing.

REQUEST 5:

The OCD's calculations of the top of cement around the long-string casing of Map ID No. 161 (the Mewbourne Oil Company Federal "T" No. 1 well) indicate that insufficient cement may be present. Submit temperature or cement bond logs that indicate the top of cement. If no additional information is available to indicate the top of cement, Navajo may be required to perform corrective action on this well.

RESPONSE:

Additional information has been obtained from the records of the OCD and from Mewbourne Oil Company that demonstrates that the top of cement in Map ID No. 161 (the Mewbourne Federal "T" No. 1) is above the top of the injection zone. The information indicates that additional cement was pumped behind the long-string casing of the well and that the casing is cemented at least from the base of the casing up to 6000 feet. The top of the injection zone occurs at approximately 7384 feet in Map ID No. 161, or 1384 feet below the top of cement.

VI.D Condition of Artificial Penetrations

Each of the wells that penetrates the injection zone was evaluated to determine if it will allow movement of fluids into or between USDWs. For the purpose of this demonstration, the artificial penetrations may be categorized as follows:

Class II Saltwater Disposal Wells (1 well):

Map ID No. 83, the I&W Inc., Walter Solt SWD-1, is a Class II saltwater disposal well that is currently active. The well injects into the Wolfcamp in four sets of perforations: 7518 to 7534 feet, 7742 to 7756 feet, 7778 to 7787 feet, and 7810 to 7812 feet. The injection zone coincides with the shallowest formation proposed for injection by the proposed Navajo injection wells. The well has surface and intermediate or production casing set to prevent contamination of the USDW. The casing/formation annulus is cemented across the injection zone, as presented in Attachment VI-3. At the end of the well's useful life, the operator will plug and abandon the well according to OCD regulations with cement plugs set to protect the USDW and with heavy mud left in the wellbore. The Class II well in the AOR is listed below:

Map ID No. 83.

No corrective action is required for this well.

Active Producing Wells (6 wells):

Active producing wells include producing and shut-in oil and gas wells. The mechanical integrity of active producing wells is monitored by the OCD. These wells have surface and intermediate or production casing set to prevent contamination of the USDW. In all wells, the casing/formation annulus is cemented across the injection zone. Reported top of cement, where available, or calculated top of cement for each casing string in each well is presented in Attachment VI-3. At the end of the wells' useful lives, the operators will plug and abandon the wells according to OCD regulations with cement plugs set to protect the USDW and with heavy mud left in the wellbore. The active producing wells within the AOR are listed below:

Map ID Nos. 81, 124, 134, 144, 161, and 167.

ATTACHMENT III-5 (Continued)

11. Rig up cement service equipment. Cement shall be densified Class "H" (or comparable), weighing 16.4 pounds/gallon. Pressure test the surface lines as required.
12. Spot sufficient Class "H" (or comparable) cement slurry to develop a cumulative 100-foot column (minimum). Pull the tubing up 200 feet and reverse out excess cement. Catch a sample of cement to check curing time and compressive strength. Allow the cement to set overnight (eight-hour minimum) before tagging top of plug to confirm proper setup and location. Pressure test the plug to the pressure recommended by the OCD. If cement is set adequately, proceed to Step 13. Otherwise, spot additional cement on top of the first plug, as before, to achieve a cumulative 100-foot cement plug. Allow cement to set for a longer period, if necessary.
13. Displace the casing with heavy mud from top of plug to 2600 feet (50 feet below the base of the intermediate casing).
14. Pull tubing up to 2600 feet. Place densified Class "H" (or comparable) cement plug from 2600 feet to 2500 feet. Pull the tubing up 200 feet and reverse out excess cement. Shut down for eight hours, or as required; then, tag the plug to confirm location. Pressure test the plug.
15. Displace the casing with heavy mud from 2500 feet to 450 feet (50 feet below the base of the surface casing).
16. Pull the tubing up to 450 feet. Place densified Class "H" (or comparable) cement plug from 450 feet to 350 feet. Pull the tubing up 200 feet and reverse out excess cement. Shut down for eight hours, or as required; then, tag the plug to confirm location. Pressure test the plug.
17. Displace the casing with heavy mud from 350 feet to 100 feet.
18. Pull the work string to 100 feet below the surface and spot 100 feet of densified Class "H" cement as the surface plug. Lay down remaining tubing and remove the bradenhead. Cut casing strings three feet below ground level.
19. Weld a 1/2 inch steel plate across the 9-5/8 inch casing. The location of the well will be marked with a steel marker 4 inches in diameter and 4 feet high above mean ground level. The marker will show the operator name, lease name, well number, section, township, range and unit letter.
20. Release all equipment and clean up the location.
21. Submit closure data to the OCD, and arrange for inspection of the well and location.

The cement bond log run on July 20, 1993, from 8100 feet to 6000 feet, shows that good cement bond is present up to 6000 feet. A copy of the log is attached.

The attached Sundry Notice states that on August 26, 1993, the zone from 6868 feet to 7038 feet was perforated, and then fluid was pumped out of the well. As fluid was pumped between August 26, 1993 and September 5, 1993, the volume of fluid produced decreased from 276 barrels to 27 barrels. The ability to pump down the fluid level in the well demonstrates that the zone at 6868 feet to 7038 feet was isolated by cement from any other zones that might have produced fluid while the well was being pumped.

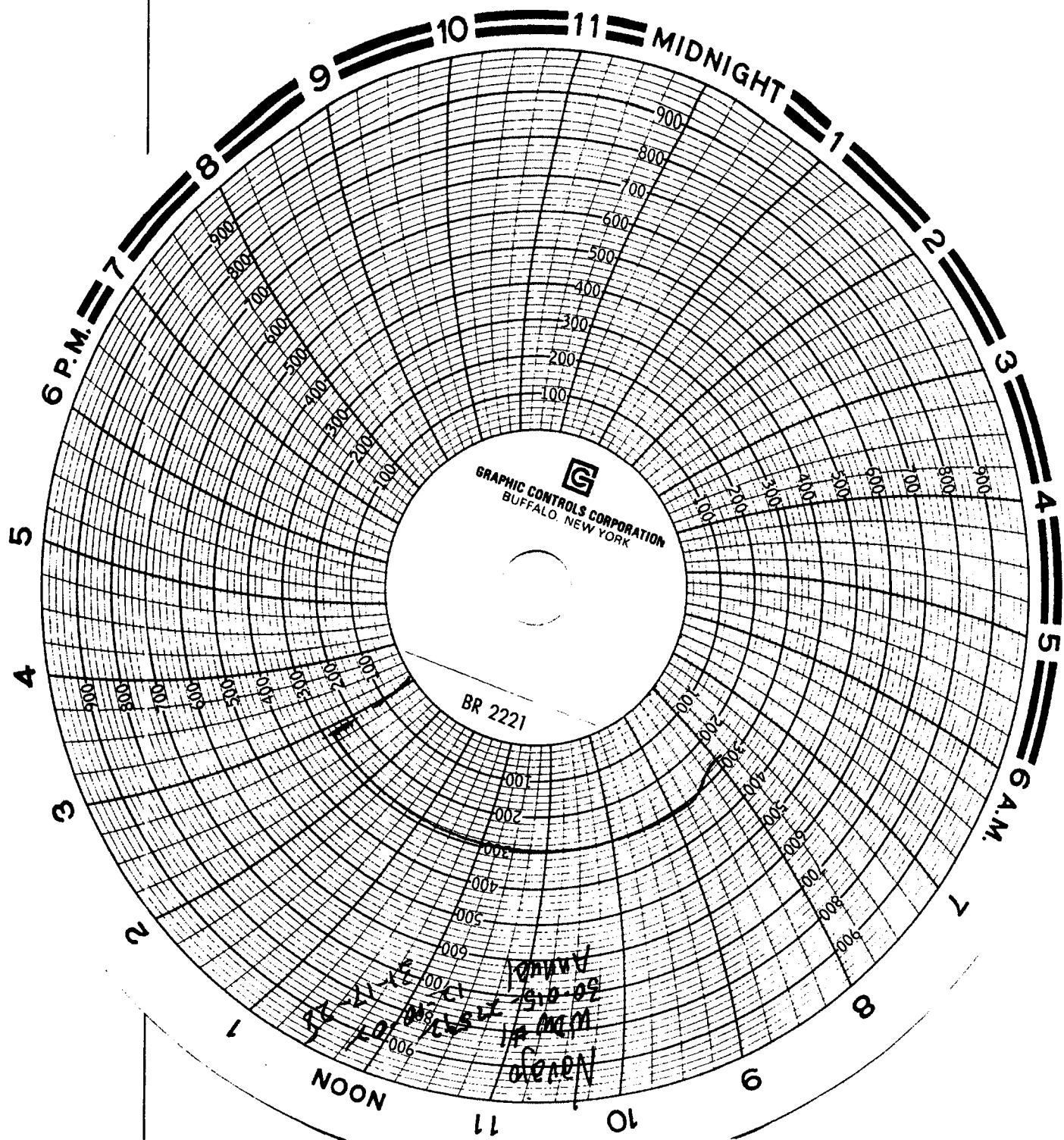
The cement sheath around the long-string casing of Map ID No. 161 extends above the top of the injection zone. Therefore, this wellbore will not provide a pathway for migration of fluids or transmittal of pressure from the injection zone.

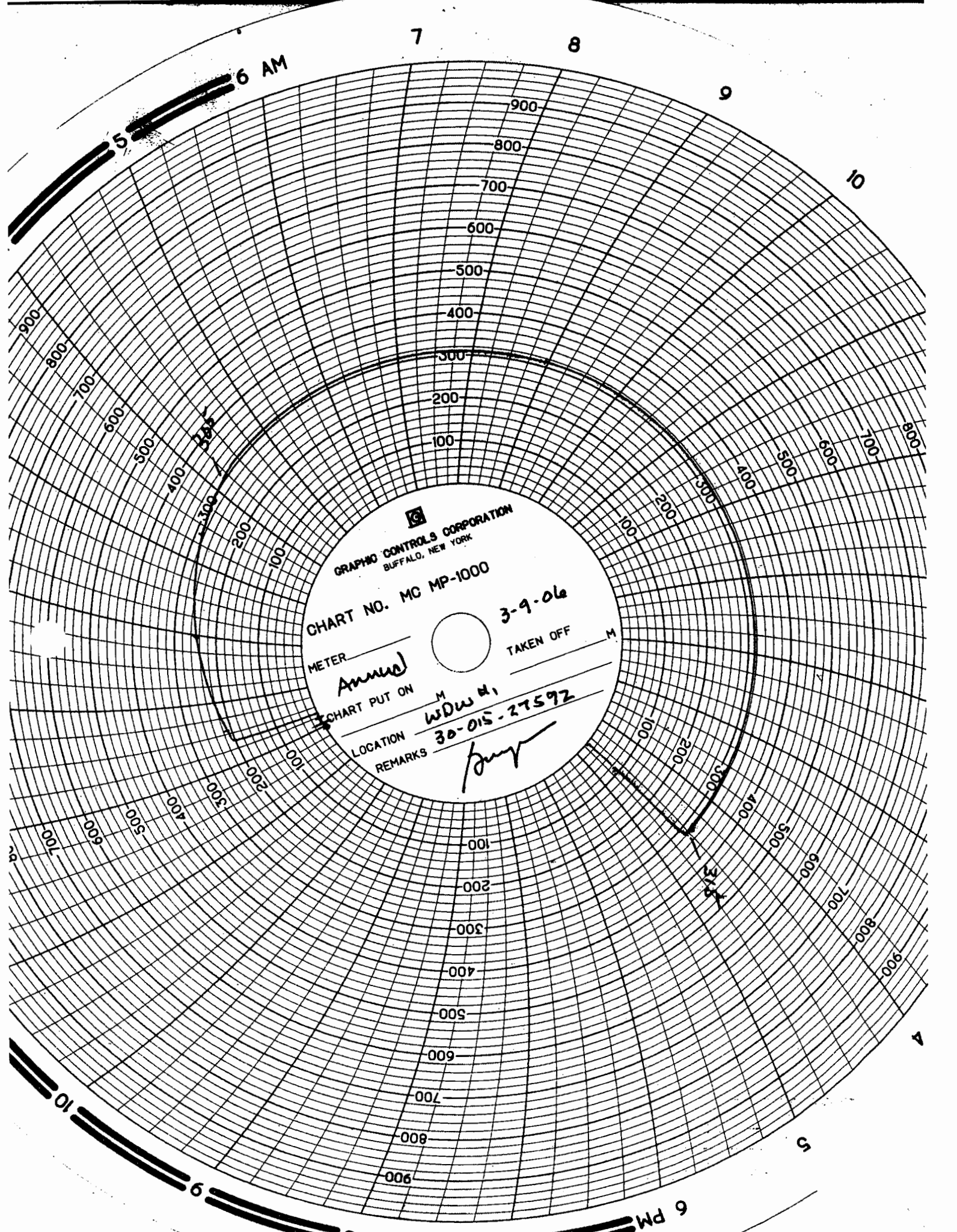
REQUEST 6:

Revise the Closure Plan to state that dry-hole markers will be installed when the wells are plugged.

RESPONSE:

The Closure Plan (Attachment III-5) has been revised as requested. A replacement page is included.





GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

CHART NO. MC MP-1000

3-9-06

METER

TAKEN OFF

CHART PUT ON

LOCATION

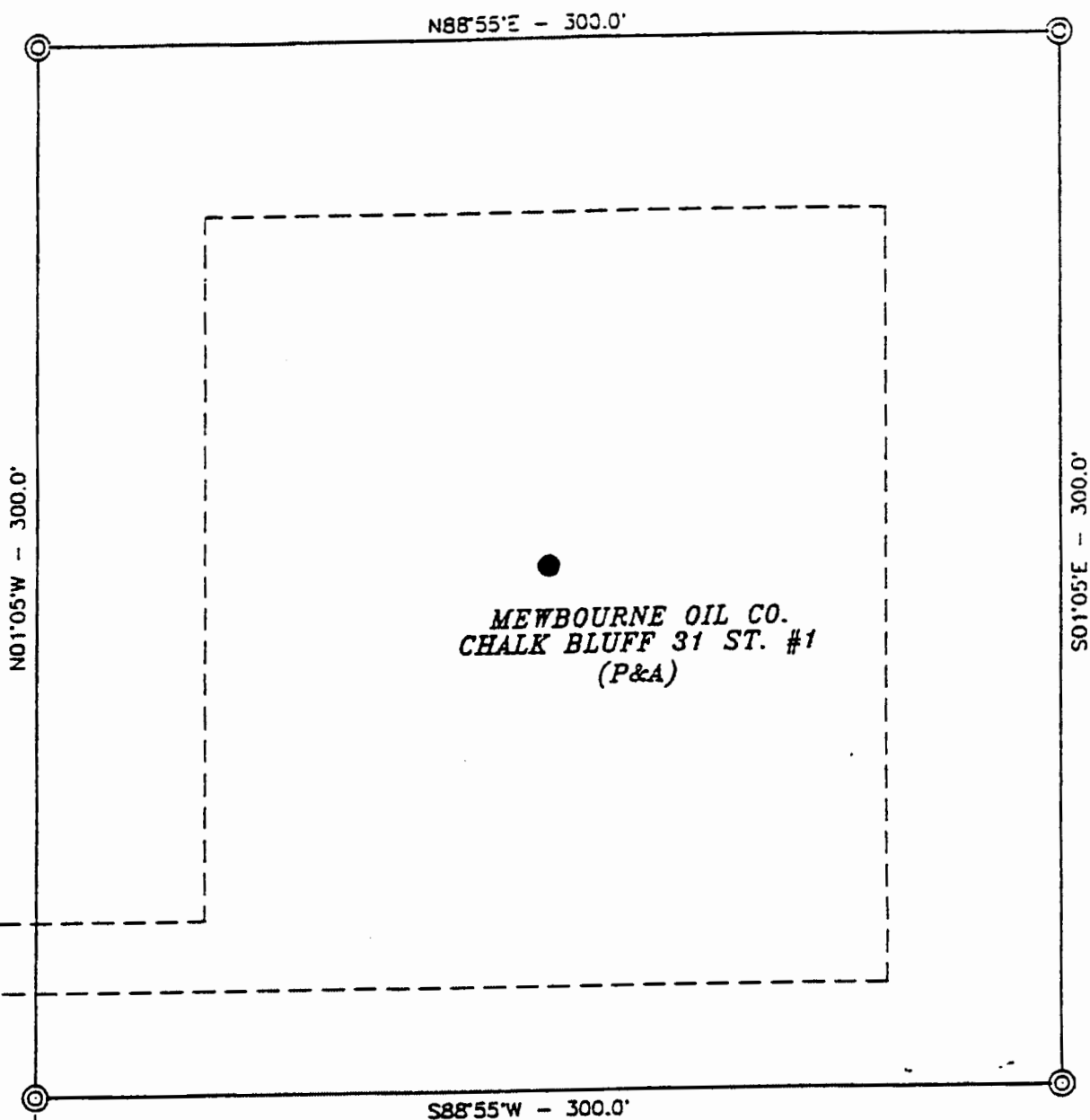
REMARKS

W.D.W. H.

30-015-27592

[Signature]

SECTION 31, TOWNSHIP 17 SOUTH, RANGE 28 EAST, N.M.P.M.,
EDDY COUNTY NEW MEXICO



31
6
USGLO 1/4 COR. B.C. "1941"

50 0 50 100 FEET
SCALE: 1"=50'

© DENOTES: SET 1/2" IRON ROD
W/ PVC CAP MARKED
"PS 3239 PS 12641"

JOHN W. WEST ENGINEERING COMPANY
CONSULTING ENGINEERS & SURVEYORS - HOBBS, NEW MEXICO

NAVAJO REFINING COMPANY

CHALK BLUFF 31 STATE #1 LOCATED 660 FEET FROM
THE SOUTH LINE AND 2310 FEET FROM THE EAST LINE
SECTION 31, TOWNSHIP 17 SOUTH, RANGE 28 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO.

Survey Date: 11/24/97	Sheet 1 of 1 Sheets
W.O. Number: 97-11-1922	Drawn By: CDG
Date: 12/1/97	DISK: NAVAJO NAV1922

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

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

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

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

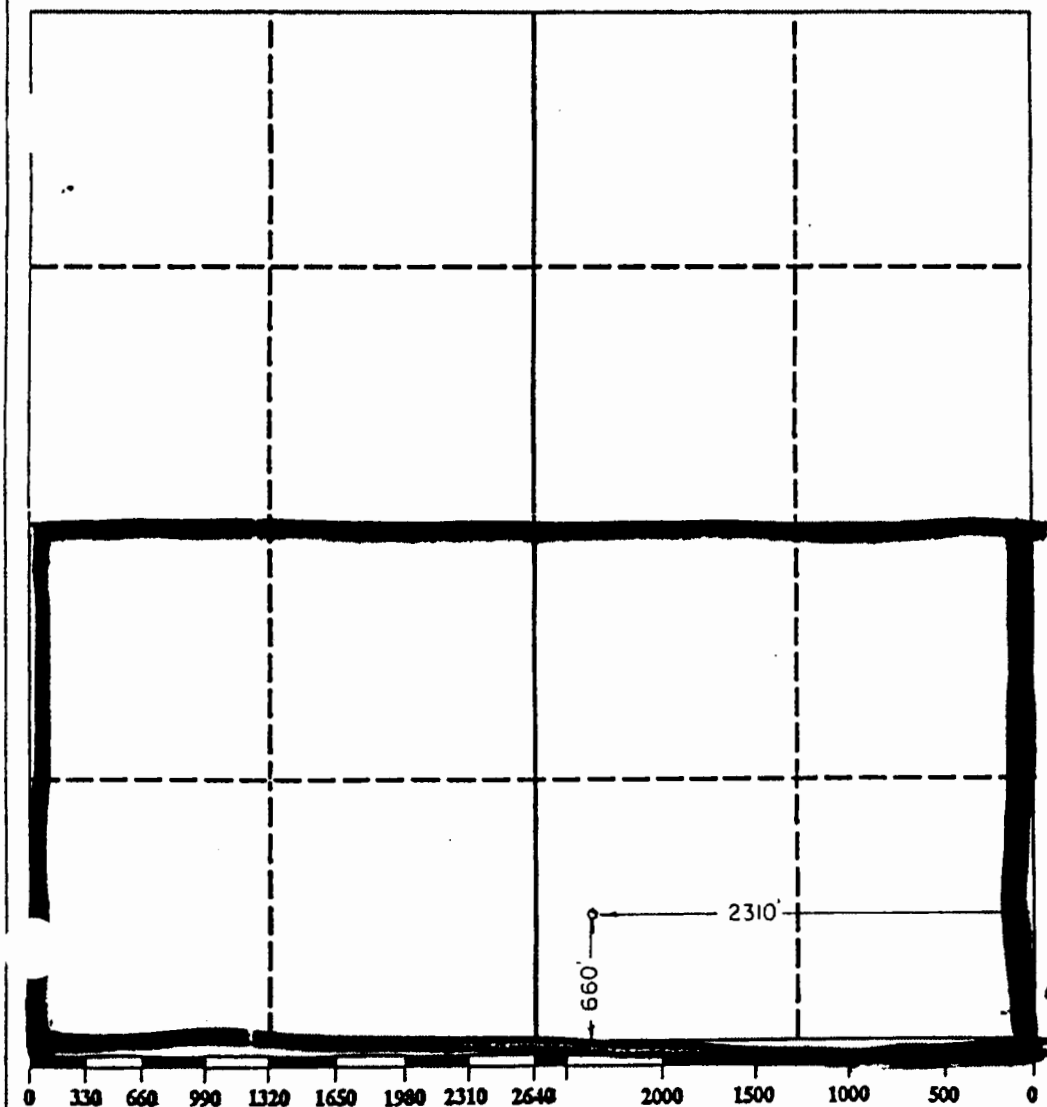
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator MEWBOURNE OIL COMPANY			Lease CHALK BLUFF 31 STATE		Well No. 1
Unit Letter 0	Section 31	Township 17 SOUTH	Range 28 EAST	County EDDY	
Actual Footage Location of Well: 2310 feet from the EAST line and 660 feet from the SOUTH line					
Ground level Elev. 3678	Producing Formation Morrow		Pool Illinois Camp Morrow North	Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
☒ Yes ☐ No If answer is "yes" type of consolidation Communitization
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature Bill Pierce
Printed Name **Bill Pierce**
Position **Drlg. Supt.**
Company **Mewbourne Oil Company**
Date **July 22, 1993**

SURVEYOR CERTIFICATION

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

Date Surveyed **10/26/92**
Signature & Seal of Professional Surveyor
Herschel Jones
Certificate No. **3640**

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

OIL CONSERVATION DIVISION

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

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

API NO. (assigned by OCD on New Wells)

30-015-27592

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

B-2071-28

7. Lease Name or Unit Agreement Name

Chalk Bluff "31" State

8. Well No.

1

9. Pool name or Wildcat

Illinois Camp Morrow North

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☒ RE-ENTER ☐ DEEPEN ☐ PLUG BACK ☐

b. Type of Well:

OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. Name of Operator

Mewbourne Oil Company

3. Address of Operator

P.O. Box 5270 Hobbs, New Mexico 88241

4. Well Location

Unit Letter 0 : 2310 Feet From The East Line and 660 Feet From The South Line

Section 31 Township 17S Range 28E NMPM Eddy County

10. Proposed Depth

10,400'

11. Formation

Morrow

12. Rotary or C.T.

Rotary

13. Elevations (Show whether DF, RT, GR, etc.)

3678' GR

14. Kind & Status Plug Bond

Blanket on File

15. Drilling Contractor

WEK Drilg. Co.

16. Approx. Date Work will start

August 1, 1993

17. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	48#	400'	350	Circulated
12-1/2"	9-5/8"	36#	2600'	800	Tie back into surface
8-3/4"	5-1/2"	17#	10400'	800	6,000'

BOP PROGRAM: Hydril annular preventor (bag-type preventor) 900 series on surface casing to intermediate casing point.

Schaffer LWS or equivalent (double-ram hydraulic) 900 series w/Hydril 900 series from intermediate casing to total depth. Rotating head, PVT system, flow monitors, and mud-gas separators from top of Wolfcamp formation to T.D.

MUD PROGRAM: 0 - 400' Fresh water w/spud mud, paper for LCM as needed.
400 - 2,600' Brine water w/paper for LCM as needed and lime for pH.
2,600 - 9,500' Cut brine w/paper for LCM and lime for pH.
9,500 - 10,400' Cut brine w/Drispac, starch, salt gel, soda ash, and caustic soda. Wt. 9.2-9.8 ppg, WL 10 cc's or less, Vis. 30-34.

GAS IS NOT DEDICATED

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE

Bill Pierce

TITLE

Drilling Superintendent

DATE

July 22, 1993

TYPE OR PRINT NAME

Bill Pierce

TELEPHONE NO.

(This space for State Use)

APPROVED BY

Mark Kelly

TITLE

GEOLOGIST

DATE

7-27-93

CONDITIONS OF APPROVAL, IF ANY:

PERMIT EXPIRES 180 DAYS
IF DRILLING UNDERWAY



DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

KEN REYNOLDS—PRESIDENT
ARNIE NEWKIRK—VICE-PRESIDENT

P. O. Box 1498 ROSWELL, NEW MEXICO 88202-1498
505/623-5070 ROSWELL, NM
505/746-2719 ARTESIA, NM

September 13, 1993

Mewbourne Oil Company
P.O. Box 5270
Hobbs, N.M. 88241

RE: Chalk Bluff "31" State #1

Gentlemen:

The following is a Deviation Survey on the above referenced well located in Edgy County, New Mexico.

390' - 1/2°	3988' - 1 1/4°	5729' - 4°	7382' - 2 1/4°
867' - 3/4°	4493' - 1 3/4°	5722' - 3 1/4°	7851' - 1 1/4°
1338' - 3/4°	4995' - 3 1/4°	5786' - 3 1/2°	8342' - 1 1/2°
1839' - 1 1/4°	5120' - 3 3/4°	5879' - 3°	8844' - 1 1/4°
1988' - 1/2°	5215' - 4 1/4°	5974' - 3°	9077' - 1/2°
2201' - 3/4°	5310' - 4 1/4°	6195' - 3 1/2°	9568' - 1°
2555' - 0°	5403' - 4°	6352' - 3 1/4°	9959' - 1 3/4°
3051' - 1/2°	5497' - 4 1/2°	6795' - 2 1/2°	10,200' - 2 3/4° T.D.
3520' - 3/4°	5527' - 4 1/4°	7210' - 2 1/4°	

Sincerely,

Gary W. Chappell
Contracts manager

STATE OF NEW MEXICO }
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 13th day of September 1993 by Gary W. Chappell.

MY COMMISSION EXPIRES

October 07, 1996

NOTARY PUBLIC

Form 3160-1
June 1990

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

5. Lease Designation and Serial No.

NM-42410

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Federal "T" #1

9. API Well No.

30-015-26404

10. Field and Pool, or Exploratory Area

North Illinois Camp

11. County or Parish, State

Morrow

Eddy Co. N.M.

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Newbourne Oil Company

3. Address and Telephone No.

P.O. Box 5270 Hobbs, New Mexico 88241 (505) 393-5905

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

660' FNL & 990' FEL Sec. 12-T18S-R27E

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

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

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

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

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

Verball from Adam - BLM.
07/19/93 Set 4" CIBP @ 9950' over Morrow Perfs. (10,008'-10,054') Dump 2 sx. cmt.
07/21/93 Set 5-1/2" CIBP @ 9040' @ top of liner. Dumped 4 sx. cmt.
07/22/92 Perf. Cisco Formation (8034'-8042' w/2 SPF & 8055'-8060' w/2SPF. Swabbed tested all water.
07/24/93 Set cmt. retainer @ 8000'. Pumped 100 sx. cmt. into perfs. (8034'-8060')
07/25/93 Perf. Cisco Formation 7832'-7840' w/2 SPF. Swab tested all water.
07/27/93 Set cmt. retainer @ 7820'. Pumped 100 sx. cmt. into perfs. (7832'-7840')
07/28/93 Perf. Cisco Formation 7790'-7798' w/2 SPF. Swab tested all water.
07/29/93 Set cmt. retainer @ 7780'. Pumped 100 sx. cmt. into perfs. (7790'-7798')
07/30/93 Perf. Cisco Formation 7760'-7768' w/2 SPF. Swab tested all water.
07/31/93 Set cmt. retainer @ 7745'. Pumped 100 sx. cmt. into perfs. (7760'-7768')
08/01/93 Perf. Cisco Formation 7685'-7695' w/4 SPF. Swab tested water w/show of gas.
08/03/93 Acidized Cisco Formation (7685'-7695') w/3000 gal 15% FE acid.
08/04/93 RIH w/tbg. pump to 5033' & started pumping well.
08/05/93 1100 BWPD No oil.
08/06/93 1200 BWPD No oil.

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

Signed

[Signature]

Title Engineer

Date August 20, 1993

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any

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

*See Instruction on Reverse Side

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy _____
T. Salt _____
B. Salt _____
T. Yates _____ 506'
T. 7 Rivers _____ 596'
T. Queen _____ 1176'
T. Grayburg _____ 1462'
T. San Andres _____ 1958'
T. Glorieta _____ 3386'
T. Paddock _____
T. Blinbry _____
T. Tubb _____
T. Drinkard _____
T. Abo _____ 5398'
T. Wolfcamp _____ 6593'
T. Penn _____
T. Cisco (Bough C) _____ 7816'

T. Canyon _____ 8782'
T. Strawn _____ 9016'
T. Atoka _____ 9573'
T. Miss _____
T. Devonian _____
T. Silurian _____
T. Montoya _____
T. Simpson _____
T. McKee _____
T. Ellenburger _____
T. Gr. Wash _____
T. Delaware Sand _____
T. Bone Springs _____
T. Morrow _____ 10016'
T. _____
T. _____
T. _____

Northwestern New Mexico

T. Ojo Alamo _____
T. Kirtland-Fruitland _____
T. Pictured Cliffs _____
T. Cliff House _____
T. Menefee _____
T. Point Lookout _____
T. Mancos _____
T. Gallup _____
Base Greenhorn _____
T. Dakota _____
T. Morrison _____
T. Todilto _____
T. Entrada _____
T. Wingate _____
T. Chinle _____
T. Permian _____
T. Penn "A" _____

T. Penn. "B" _____
T. Penn. "C" _____
T. Penn. "D" _____
T. Leadville _____
T. Madison _____
T. Elbert _____
T. McCracken _____
T. Ignacio Otzite _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, 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.

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
0'	400'	400'	Surface rock, Anhydrite				
400'	6900'	6500'	Dolomite, Chert, Sandstone, Shale				
6900'	7800'	900'	Limestone, Shale, Chert				
7800'	8500'	700'	Dolomite, Shale				
8500'	9600'	1100'	Limestone, Shale				
9600'	10200'	600'	Limestone, Sandstone, Chert, & Shale				

APPENDIX C

USGS EARTHQUAKE DATA



NEIC: Earthquake Search Results

U. S. G E O L O G I C A L S U R V E Y

E A R T H Q U A K E D A T A B A S E

FILE CREATED: Mon Jun 4 16:13:25 2012

Circle Search Earthquakes= 225

Circle Center Point Latitude: 32.772N Longitude: 104.233W

Radius: 321.860 km

Catalog Used: PDE

Data Selection: Historical & Preliminary Data

CAT	YEAR	MO	DA	ORIG TIME	LAT	LONG	DEP	MAGNITUDE	ITEM	DTSVNWG	DIST
									NFO		km
									TF		
PDE	1973	09	22	233835.80	34.47	-106.95	5	3.1 MLGS	...	.....	314
PDE	1974	11	28	033520.50	32.31	-104.14	5	3.7 MLGS	...	.....	51
PDE	1975	08	01	072757.30	31.42	-104.01	5	3.0 LgTUL	.F.	.....	150
PDE	1976	01	19	040330.50	31.90	-103.08	1	3.5 MDGS	.F.	.....	145
PDE	1976	01	22	072157	31.90	-103.07	1	2.8 MDGS	...	.....	145
PDE	1976	01	25	044827.90	31.90	-103.08	2	3.9 MDGS	5F.	.....	145
PDE	1977	01	04	183137.60	32.36	-106.92	5	3.2 MLGS	5F.	.....	256
PDE	1977	04	26	090307.30	31.90	-103.08	4	3.3 MLGS	.F.	.....	144
PDE	1977	11	28	014050.50	32.95	-100.84	5	3.5 MLGS	...	.....	318
PDE	1978	03	02	100452.70	31.56	-102.51	11	3.5 MLGS	.F.	.....	210
PDE	1979	07	05	010501	32.95	-100.89	4	2.7 UKTUL	.H.	.....	312
PDE	1980	03	22	004912.50	34.60	-105.92	5	3.4 MLGS	4F.	.....	255
PDE	1981	05	09	123550.80	33.99	-107.03	5	3.1 MLGS	5F.	.....	293
PDE	1982	01	04	165608.05	31.18	-102.49	5	3.9 LgTUL	3F.	.....	240
PDE	1982	03	16	110302.67	35.36	-103.27	5	3.1 LgTUL	3F.	.....	300
PDE	1982	04	26	083147.79	33.02	-100.84	5	2.8 LgGS	...	.....	318
PDE	1982	05	18	060008.50	34.17	-106.95	9	2.8 MLGS	.F.	.....	296
PDE	1982	05	18	060838.40	34.20	-106.90	6	2.8 MLGS	.F.	.....	293
PDE	1982	05	24	063251.70	34.17	-106.95	6	2.9 MLGS	.F.	.....	295
PDE	1982	09	20	035517.20	33.95	-107.06	11	3.5 LgTUL	4F.	.....	293
PDE	1982	10	07	124125.99	34.31	-106.82	4	2.4 MLGS	.F.	.....	294
PDE	1982	11	28	023648.51	33.00	-100.84	5	3.3 LgTUL	4F.	.....	318
PDE	1983	03	02	232219.40	34.30	-106.89	8	4.3 LgTUL	6D.	.....	299
PDE	1983	04	30	073420.18	33.32	-106.44	7	3.5 MLGS	...	.....	214
PDE	1983	09	15	232536.05	35.14	-104.39	5	3.2 LgTUL	5F.	.....	263
PDE	1983	09	29	074408.43	35.24	-104.30	5	2.7 MDGS	...	.....	274
PDE	1984	05	21	133113.54	35.07	-102.23	5	3.1 LgTUL	...	.....	314
PDE	1984	08	26	021954	34.31	-106.80	5	2.9 MLGS	.F.	.....	292
PDE	1984	12	04	203636.02	32.26	-103.56	5	2.9 MLGS	...	.....	84
PDE	1985	06	05	103600.60	32.56	-106.92	6	2.9 MLGLD	4F.	.....	252
PDE	1985	06	27	182000.03	33.62	-106.47	0	3.4 LgGS	...	....E..	229
PDE	1985	08	16	145652.96	34.13	-106.83	7	4.1 MLGS	6D.	.....	284

PDE	1985	09	06	052246.20	32.54	-106.94	5	2.6	MDGLD	.F.	.....	255
PDE	1985	12	15	071452.23	35.28	-104.64	5	3.6	LgTUL	.F.	.....	280
PDE	1986	04	17	210430.30	32.59	-106.91	5	2.7	MDGLD	.F.	.....	251
PDE	1986	04	28	130016	34.01	-106.82	5	2.6	MDGLD	.F.	.....	276
PDE	1986	08	27	180656.38	35.16	-105.09	5	3.2	MLGS	.F.	.....	276
PDE	1987	05	14	155958.46	33.54	-106.52	0	2.9	MLGS	...	....E..	229
PDE	1988	12	25	075233.93	35.12	-105.96	0	2.8	MDSNM	.F.	.....	304
PDE	1989	01	29	050715.33	35.22	-104.09	7	3.4	MDSNM	...	.....	271
PDE	1989	11	29	065438.50	34.46	-106.89	13	4.7	MDSNM	5F.	.....	309
PDE	1990	01	29	131610.68	34.46	-106.88	12	4.8	LgTUL	6D.	.....	308
PDE	1990	01	31	010819.29	34.44	-106.86	10	4.0	LgTUL	5F.	.....	306
PDE	1990	02	21	120219.34	34.01	-106.54	5	3.6	MLGS	.F.	.....	255
PDE	1990	02	27	132322	33.95	-106.59	5	3.9	MDSNM	4F.	.....	255
PDE	1990	05	05	162622.89	34.45	-106.88	6	3.6	MDSNM	.F.	.....	307
PDE	1990	07	21	192822.79	34.46	-106.86	11	3.0	MDSNM	...	.....	306
PDE	1990	07	21	203031.34	34.46	-106.86	7	3.1	MDSNM	...	.....	306
PDE	1990	07	21	234804.92	34.45	-106.85	7	3.2	MDSNM	...	.....	306
PDE	1990	07	22	212705.13	34.84	-106.01	10	3.7	MDSNM	...	.....	281
PDE	1990	07	31	073240.18	34.46	-106.86	7	3.3	MDSNM	.F.	.....	307
PDE	1990	11	08	104653.77	34.45	-106.86	6	4.3	MDSNM	4F.	.....	306
PDE	1990	11	08	110346.51	34.45	-106.86	8	3.1	MDSNM	.F.	.....	306
PDE	1990	11	10	121816.85	34.45	-106.85	7	3.1	MDSNM	...	.....	305
PDE	1990	11	15	072524.38	34.46	-106.86	6	3.6	MDSNM	4F.	.....	306
PDE	1990	12	05	033644.30	34.45	-106.86	8	2.6	MDSNM	...	.....	306
PDE	1991	03	05	201711.40	34.44	-106.87	9	2.9	MDSNM	3F.	.....	306
PDE	1991	03	06	143659.07	34.44	-106.88	7	2.5	MDSNM	...	.....	307
PDE	1991	06	05	184414.90	34.45	-106.85	4	3.0	MDSNM	.F.	.....	305
PDE	1991	06	20	1605	33.62	-106.47	0	3.5	MLGS	...	....E..	229
PDE	1991	12	09	124716.50	34.85	-106.55	14	3.1	LgTUL	3F.	.....	314
PDE	1992	01	02	114535.61	32.33	-103.10	5	5.0	LgTUL	5F.	.....	116
PDE	1992	02	23	161752.51	30.65	-105.51	5	3.4	LgTUL	...	.....	264
PDE	1992	08	24	012535.20	34.01	-106.86	5	2.6	MDSNM	.F.	.....	280
PDE	1992	08	26	032452.67	32.17	-102.71	5	3.0	LgGS	...	.....	157
PDE	1993	03	24	023203.50	35.39	-104.19	5	3.0	LgGS	2F.	.....	290
PDE	1993	06	10	1510	33.62	-106.47	0	3.2	MLGS	...	....E..	229
PDE	1993	06	23	032312.28	31.35	-102.51	5	2.8	MDSNM	...	.....	226
PDE	1993	12	22	192511.39	33.33	-105.68	10	3.2	MDSNM	...	.....	148
PDE	1994	01	01	025131.29	34.44	-106.98	10	2.5	MDSNM	...	.....	314
PDE	1995	03	19	183643.97	35.00	-104.21	5	3.3	LgGS	...	.....	246
PDE	1995	04	14	003256.17	30.28	-103.35	17	5.7	MwGS	6CM	.....	287
PDE	1995	04	14	011148.40	30.30	-103.35	10	2.7	LgGS	...	.....	286
PDE	1995	04	14	021426	30.30	-103.35	10	2.8	LgGS	...	.....	286
PDE	1995	04	14	021938.50	30.30	-103.35	10	3.3	LgGS	.F.	.....	286
PDE	1995	04	14	034842	30.30	-103.35	10	2.6	LgGS	.F.	.....	286
PDE	1995	04	14	041116	30.30	-103.35	10	2.4	LgGS	.F.	.....	286
PDE	1995	04	14	055339	30.30	-103.35	10	2.7	LgGS	...	.....	286
PDE	1995	04	14	073936.50	30.30	-103.35	10	2.4	LgGS	.F.	.....	286
PDE	1995	04	14	082712.50	30.30	-103.35	10	2.8	LgGS	.F.	.....	286
PDE	1995	04	14	100258	30.30	-103.35	10	2.9	LgGS	.F.	.....	286
PDE	1995	04	14	105720.40	30.30	-103.35	10	2.3	LgGS	.F.	.....	286
PDE	1995	04	15	031805	30.30	-103.35	10	2.4	LgGS	.F.	.....	286
PDE	1995	04	15	143329.51	30.27	-103.32	10	4.0	LgGS	6D.	.....	290
PDE	1995	04	16	004043.30	30.30	-103.35	10	2.3	LgGS	...	.....	286
PDE	1995	04	16	102625.50	30.30	-103.35	10	2.5	LgGS	...	.....	286
PDE	1995	04	16	161609.60	30.30	-103.35	10	2.4	LgGS	...	.....	286
PDE	1995	04	17	085000.50	30.30	-103.35	10	2.5	LgGS	...	.....	286
PDE	1995	04	21	044144	30.30	-103.35	10	2.9	LgGS	3F.	.....	286
PDE	1995	06	01	010615.70	30.30	-103.35	10	3.5	LgGS	4F.	.....	286
PDE	1995	07	06	024151	30.30	-103.35	10	2.7	LgGS	.F.	.....	286
PDE	1995	07	06	024704	30.30	-103.35	10	2.6	LgGS	.F.	.....	286

PDE	1995	08	28	151339.05	34.21	-106.94	3	2.8	LgGS	5F.	297
PDE	1995	11	12	174559.40	30.30	-103.35	10	3.6	LgGS	.F.	286
PDE	1996	03	15	131757.22	33.59	-105.69	10	2.9	LgGS	.F.	163
PDE	1996	03	24	201612.70	34.26	-105.68	10	3.5	LgGS	.F.	212
PDE	1996	03	24	201923.10	34.27	-105.69	10	3.7	LgGS	.F.	214
PDE	1996	07	22	100614.98	34.20	-105.71	10	3.5	LgGS	.F.	209
PDE	1997	05	20	094105.82	34.19	-105.74	10	3.2	LgGS	.F.	210
PDE	1997	12	31	132830.05	34.53	-106.15	5	3.5	MLGS	.F.	264
PDE	1997	12	31	133206.60	34.55	-106.15	5	3.5	MLGS	...	265
PDE	1997	12	31	133358.90	34.55	-106.15	5	3.4	MLGS	...	265
PDE	1998	01	04	080531.87	34.55	-106.19	5	4.0	MLGS	.F.	268
PDE	1998	04	15	103342.42	30.19	-103.30	10	3.6	LgGS	.F.	299
PDE	1998	07	14	053848.75	35.34	-103.47	5	3.0	MDSNM	.F.	293
PDE	1999	03	01	080023.50	32.57	-104.66	1	2.9	LgGS	...	45
PDE	1999	03	14	224317.97	32.59	-104.63	1	4.0	MDSNM	.F.	42
PDE	1999	03	17	122923.11	32.58	-104.67	1	3.5	MDSNM	...	46
PDE	1999	05	30	190425.60	32.58	-104.66	10	3.9	MDSNM	...	45
PDE	1999	08	09	065122.97	32.57	-104.59	5	2.9	MDSNM	...	40
PDE	2000	02	02	071420.26	32.58	-104.63	5	2.7	LgGS	...	42
PDE	2000	02	26	030100.83	30.24	-103.61	5	2.8	LgGS	.F.	286
PDE	2001	06	02	015553.72	32.33	-103.14	5	3.3	LgGS	...	113
PDE	2001	11	22	000708.02	31.79	-102.63	5	3.1	LgGS	...	186
PDE	2002	09	17	154514.47	32.58	-104.63	10	3.5	LgGS	...	42
PDE	2002	09	17	233419.35	32.58	-104.63	10	3.3	LgGS	...	43
PDE	2003	06	21	020309.56	32.67	-104.50	5	3.6	LgGS	...	28
PDE	2004	05	23	092205.28	32.53	-104.57	5	4.0	mbGS	3F.	41
PDE	2004	05	24	213628.56	34.47	-106.90	5	3.5	MLGS	.F.	310
PDE	2004	06	22	085528.23	32.53	-104.58	5	3.7	LgGS	.F.	42
PDE	2004	08	26	184518.62	32.58	-104.50	5	3.4	MLGS	...	33
PDE	2004	10	28	025904.82	32.60	-104.50	5	3.0	LgGS	...	31
PDE	2004	11	14	212749.90	33.25	-106.20	5	3.5	LgGS	...	191
PDE	2005	10	30	025734.81	34.07	-106.98	5	2.4	MLGS	.F.	292
PDE	2005	12	19	202740.37	32.53	-104.55	5	4.1	MwSLM	3FM	40
PDE	2005	12	22	143011.67	32.58	-104.57	5	3.6	LgGS	.F.	37
PDE	2006	01	27	100456.45	32.59	-104.55	5	2.7	LgGS	...	35
PDE	2006	01	27	160745.84	32.55	-104.58	5	3.1	LgGS	...	40
PDE	2006	02	04	195510.68	32.58	-104.62	5	2.7	MLGS	...	42
PDE	2006	03	04	171458.25	30.29	-103.67	5	2.7	LgGS	...	280
PDE	2006	03	20	175529.12	32.60	-104.56	5	3.0	MLGS	...	36
PDE	2006	04	08	180835.23	31.95	-101.42	5	2.9	MLGS	...	279
PDE	2006	08	12	104909.67	32.90	-100.89	5	2.8	LgGS	.F.	312
PDE	2007	05	23	051655.15	34.07	-106.94	5	3.4	MLGS	3F.	289
PDE	2008	01	29	102453.24	32.90	-100.84	5	3.3	LgGS	.F.	317
PDE	2008	02	18	1415	32.27	-101.42	0	2.1	LgGS	.C. ....E..	269
PDE	2008	04	16	090604.36	33.66	-106.06	5	2.7	MLGS	...	196
PDE	2008	05	23	180305.86	32.50	-104.60	5	2.7	LgGS	...	45
PDE	2008	07	18	173109.40	32.89	-100.84	5	2.7	LgGS	...	317
PDE	2008	12	28	205659.99	30.44	-103.36	5	2.6	MLGS	...	271
PDE	2009	01	30	014121.66	32.50	-104.61	5	2.7	LgGS	...	46
PDE	2009	06	05	171732.94	31.35	-105.98	0	2.4	MLEPT	.F.	227
PDE	2009	06	05	181023.63	31.35	-105.98	0	2.6	MLEPT	.F.	227
PDE	2009	08	20	015723.10	34.03	-106.87	5	2.7	MLGS	3F.	282
PDE	2009	08	30	003100.29	34.22	-106.89	5	2.5	MLGS	.F.	293
PDE	2009	08	30	063947.47	34.16	-106.86	5	2.6	MLGS	.F.	289
PDE	2009	08	30	070943.72	34.19	-106.88	5	2.1	MLGS	.F.	291
PDE	2009	11	17	185306.84	32.43	-104.64	5	3.0	LgGS	...	54
PDE	2010	01	27	045933.05	32.90	-100.83	5	3.1	LgGS	.F.	318
PDE	2010	02	21	095539.77	32.57	-104.61	5	2.8	LgGS	...	41
PDE	2010	03	28	000355.08	32.44	-104.50	4	4.1	MwRMT	3FM	44
PDE	2010	04	11	195632.67	32.41	-101.06	5	2.9	LgGS	...	300

PDE	2010	04	12	002005.97	32.94	-100.88	5	2.8	LgGS	...	314
PDE	2010	05	09	071807.37	34.04	-106.83	5	2.1	MLGS	.F.	279
PDE	2010	05	27	204721.87	31.11	-105.58	5	3.7	MLGS	...	223
PDE	2010	05	31	215819.17	32.52	-104.61	5	4.0	MLGS	...	44
PDE	2010	08	08	011238.07	32.90	-100.85	5	3.4	MwRMT	2FM	316
PDE	2010	08	25	020514.32	32.95	-100.86	5	2.8	LgGS	...	315
PDE	2010	08	29	124836.61	32.91	-100.92	5	2.6	LgGS	...	310
PDE-W	2010	10	09	074227.63	32.93	-100.89	5	3.1	LgGS	...	313
PDE-W	2010	10	26	065629.79	32.92	-100.85	5	3.1	LgGS	...	316
PDE-W	2010	11	01	091058.42	33.00	-100.82	5	2.8	LgGS	...	320
PDE-W	2011	01	11	043415.77	34.39	-106.99	5	2.7	MLGS	...	312
PDE-W	2011	02	17	182534.41	30.11	-103.30	5	3.3	LgGS	...	307
PDE-W	2011	03	01	033012.76	32.88	-100.84	5	3.1	LgGS	2F.	317
PDE-W	2011	03	01	063159.89	32.84	-100.80	5	2.5	LgGS	...	321
PDE-W	2011	03	12	152200.86	32.88	-100.90	5	3.0	LgGS	...	312
PDE-W	2011	03	14	001948.80	32.96	-100.81	5	3.0	LgGS	...	320
PDE-W	2011	03	28	091211.95	32.91	-100.82	5	3.0	LgGS	...	320
PDE-W	2011	04	06	233835.45	34.40	-107.02	5	3.2	MLGS	...	315
PDE-W	2011	04	25	165631.88	32.82	-100.84	5	2.5	LgGS	...	317
PDE-W	2011	04	28	010341.97	30.74	-105.71	6	4.4	mbGS	.F.	264
PDE-W	2011	04	28	035625.61	30.74	-105.78	10	4.0	mbGS	...	268
PDE-W	2011	04	28	045834.59	30.68	-105.75	9	3.6	MwRMT	.FM	272
PDE-W	2011	04	28	074903.45	30.82	-105.80	5	3.1	LgGS	...	262
PDE-W	2011	04	28	075418.94	30.58	-105.85	5	2.7	LgGS	...	286
PDE-W	2011	04	30	010716.82	30.76	-105.75	10	4.6	MDUNM	...	265
PDE-W	2011	05	02	114328.24	30.73	-105.72	10	4.2	MwRMT	2FM	266
PDE-W	2011	05	02	115836.35	30.74	-105.70	10	3.3	MLGS	...	264
PDE-W	2011	05	02	134032.64	30.69	-105.75	10	3.3	MLGS	...	271
PDE-W	2011	05	02	135536.79	30.73	-105.67	5	4.4	mbGS	2F.	264
PDE-W	2011	05	03	025830.18	30.67	-105.73	10	3.8	MwRMT	.FM	273
PDE-W	2011	05	03	114203.84	30.49	-105.68	10	2.8	MLGS	...	287
PDE-W	2011	05	04	162627.03	30.71	-105.79	10	3.7	MwRMT	.M	271
PDE-W	2011	05	05	052010.02	30.79	-105.76	10	3.6	MLGS	...	262
PDE-W	2011	05	06	002426.09	30.75	-105.73	10	2.8	MLGS	...	264
PDE-W	2011	05	06	004559.26	30.81	-105.71	10	2.8	MLGS	...	258
PDE-W	2011	05	07	045100.88	30.64	-105.73	10	4.1	MDUNM	2F.	275
PDE-W	2011	05	08	132449.65	30.75	-105.81	10	3.1	MLGS	...	269
PDE-W	2011	05	08	134616.49	30.72	-105.76	10	3.2	MLGS	...	269
PDE-W	2011	05	08	135758.52	30.71	-105.75	10	2.9	MLGS	...	269
PDE-W	2011	05	08	190732.13	30.81	-105.31	10	3.0	MLGS	...	239
PDE-W	2011	05	08	225459.93	30.74	-105.74	10	3.3	MLGS	...	266
PDE-W	2011	05	09	064019.15	30.76	-105.69	10	3.9	MDUNM	.F.	261
PDE-W	2011	05	10	184118.44	30.72	-105.72	10	3.4	MLGS	...	267
PDE-W	2011	05	13	124916.26	30.76	-105.45	10	2.6	MLGS	...	250
PDE-W	2011	05	14	220751.11	30.82	-105.74	10	3.9	MDUNM	.F.	259
PDE-W	2011	05	17	200820	30.75	-105.74	10	4.2	MDUNM	...	265
PDE-W	2011	05	19	103523.51	30.80	-105.69	10	3.4	MwRMT	.M	258
PDE-W	2011	05	19	115649.90	30.72	-105.59	10	2.9	MLGS	...	260
PDE-W	2011	05	20	231419.06	30.20	-105.55	10	2.7	MLGS	...	310
PDE-W	2011	05	25	100301.09	30.70	-105.63	10	2.8	MLGS	...	264
PDE-W	2011	05	27	014128.20	30.80	-105.76	10	3.6	MLGS	...	261
PDE-W	2011	05	27	014908.92	30.98	-105.78	10	3.0	MLGS	...	246
PDE-W	2011	07	14	102913.60	32.93	-100.81	5	2.5	LgGS	...	321
PDE-W	2011	09	11	183635.11	32.74	-100.84	5	2.5	LgGS	3F.	318
PDE-W	2011	09	11	203158.11	32.89	-100.85	5	2.8	LgGS	2F.	316
PDE-W	2011	09	12	003149.11	32.80	-100.88	5	2.7	LgGS	2F.	314
PDE-W	2011	09	12	022931.34	32.73	-100.85	5	2.5	LgGS	.H.	317
PDE-W	2011	09	12	091946.71	32.85	-100.85	5	2.6	LgGS	...	316
PDE-W	2011	09	12	092612.90	32.76	-100.84	5	2.7	LgGS	2F.	317
PDE-W	2011	09	12	141834.05	32.82	-100.87	7	3.4	LgGS	3F.	314

PDE-W	2011	09	28	214637.55	32.52	-104.66	5	2.7	LgGS	...	48
PDE-W	2011	11	24	064959.99	32.95	-100.81	5	2.8	LgGS	...	320
PDE-W	2011	11	24	231549.01	32.94	-100.85	5	3.1	LgGS	...	317
PDE-W	2011	12	09	184733.24	32.94	-100.86	5	3.5	LgGS	3F.	315
PDE-W	2011	12	17	144658.46	32.81	-100.85	5	3.2	LgGS	3F.	316
PDE-W	2011	12	29	061907.64	32.81	-100.91	5	2.5	LgGS	...	311
PDE-W	2011	12	29	114808.28	32.88	-100.83	5	2.5	LgGS	.F.	318
PDE-W	2012	01	15	092901.68	31.23	-103.61	5	2.7	LgGS	2F.	181
PDE-W	2012	01	24	182102.61	30.32	-103.38	5	3.6	LgGS	4F.	283
PDE-W	2012	02	06	040024.75	32.09	-104.91	5	2.7	LgGS	...	98
PDE-W	2012	03	06	031149.71	31.81	-106.31	5	2.5	MLGS	3F.	223
PDE-W	2012	03	18	105722.43	32.28	-103.89	5	3.1	LgGS	...	63
PDE-Q	2012	04	05	091115.95	31.57	-106.09	5	2.9	MLGS	.F.	219

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