

West Shugart 2 1930
#2H
comp 8/24/13



Oil Conservation Division
Case No. 15043
Exhibit No. 6



3





1023708 gals = 24,374 bbls

Submit within 45 days of well completion	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505	Revised February 15, 2012				
		1. Well API No: 30-015-40953				
		2. Well Name: WEST SHUGART 2 19 30 STATE #002H				
		3. Well Number: 002H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit: Lot 1 Section: 2 Township: 19S Range: 30E Feet from: 1920 N/S Line S Feet from: 350 E/W Line E				
		5. Bottom Hole Location: Unit: Lot 1 Section: 2 Township: 19S Range: 30E Feet from: 1920 N/S Line S Feet from: 350 E/W Line E				
		6. Latitude: 32.6874100385528 Longitude: 103.935274055594				
		7. County: Eddy				
8. Operator Name and Address: CHEVRON U.S.A. INC. Attn: Sandy Stadman-Daniel P.O. Box 2100 Houston 77252		9. OGRID: 4323	10. Fracture Number: F05-333-1941			
11. Last Fracture Date: 7/29/2013 Frac Performed by: FTS International		12. Production Type: O				
13. Pool Code(s): 5200		14. Gross Fractured Interval: 12.935 ft to 12.985 ft				
15. True Vertical Depth (TVD): 8,599 ft		16. Total Volume of Fluid Pumped: 1,023,708 gals				
17. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION:						
Trade Name	Supplier	Purpose	Ingredients	ICAS #) Chemical Abstract Service #	Maximum Ingredient Concentration in Additive (% by mass)	Maximum Ingredient Concentration in HF Fluid (% by mass)
Fresh Water	CHESAPEAKE ENERGY	Carrier/Basis Fluid	Water	007732-18-5	100%	84.03367%
ParaSorb 5000	BAKER HUGHES	Paraffin Inhibitor	Calcined Diatomaceous Earth	091053-39-3	50%	0.03539%
			Crystalline Silica (Quartz Sand, Silicon Dioxide)	014808-60-7	1%	0.00059%
			Mineral Oil (Paraffin Oil, White Mineral Oil)	008042-47-5	30%	0.0177%
CorrSorb 3500	BAKER HUGHES	Corrosion Inhibitor	Calcined Diatomaceous Earth	091053-39-3	100%	0.0118%
			Crystalline Silica (Quartz Sand, Silicon Dioxide)	014808-60-7	1%	0.00012%
			Proprietary Phosphonic Acid Ester	TRADE SECRET	10%	0.00118%
			Proprietary Quaternary Ammonium Chloride	TRADE SECRET	30%	0.00354%
Northern White Sand	FTS INTERNATIONAL	Proppant - Natural	Crystalline Silica (Quartz Sand, Silicon Dioxide)	014808-60-7	100%	7.02536%
Super LC	FTS INTERNATIONAL	Proppant - Resin Coated	Crystalline Silica (Quartz Sand, Silicon Dioxide)	014808-60-7	97%	4.95418%
			Hexamethylenetetramine (Hexamine)	000100-97-0	1%	0.05107%
			Phenol/Formaldehyde Resin	009003-35-4	5%	0.25537%
10.1 - 15 HCL	FTS INTERNATIONAL	Acid	Hydrochloric Acid	007647-01-0	15%	0.39895%
			Water	007732-18-5	85%	2.25069%
B10 (HIGH PH BUFFER)	FTS INTERNATIONAL	pH Adjusting Agent	Potassium Carbonate	000584-08-7	48%	0.04331%
			Potassium Hydroxide	001310-58-3	20%	0.01805%
BXL02 Borate XL	FTS INTERNATIONAL	Cross Linker	Boric Acid	010043-35-3	15%	0.01711%
			Potassium Hydroxide	001310-58-3	12%	0.01359%
			Sodium Metaborate Tetrahydrate	010555-76-7	25%	0.02852%
NE 100	FTS INTERNATIONAL	Non-Emulsifier	2-Eutoxyethanol (Ethylene Glycol Monobutyl Ether)	000111-76-2	10%	0.01648%
			Dodecylbenzenesulfonic Acid	027176-87-0	5%	0.00824%
			Isopropanol (Isopropyl Alcohol, Propan-2-ol)	000057-63-0	10%	0.01648%
SHALESURF 1000	FTS INTERNATIONAL	Surfactant	2-Eutoxyethanol (Ethylene Glycol Monobutyl Ether)	000111-76-2	10%	0.01131%
			Citrus terpenes	005989-27-5	10%	0.01131%
			Isopropanol (Isopropyl Alcohol, Propan-2-ol)	000057-63-0	10%	0.01131%
			Methanol (Methyl Alcohol)	000067-56-1	10%	0.01131%
			Proprietary	TRADE SECRET	20%	0.02252%

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Submit to Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Branzos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Form C-105 Revised August 1, 2011 Amended 1. WELL API NO. 30-015-40953 2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN 3. State Oil & Gas Lease No.
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WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)						5. Lease Name or Unit Agreement Name WEST SHUGART 2 19 30 6. Well Number: 2H				
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER						RECEIVED SEP 26 2013				
8. Name of Operator CHEVRON USA INC 10. Address of Operator 15 SMITH RD MIDLAND, TX 79705						9. OGRID 4323 11. Pool name or Wildcat BENSON BONE SPRING (5200)				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	I	2	19S	30E		1920	SOUTH	350	EAST	EDDY
BH:	L	2	19S	30E		1899	SOUTH	385	WEST	EDDY
13. Date Spudded 06/04/2013		14. Date T.D. Reached 06/24/2013		15. Date Rig Released 08/22/2013		16. Date Completed (Ready to Produce) 08/24/2013		17. Elevations (DF and RKB, RT, GR, etc.) 3517		
18. Total Measured Depth of Well 12935			19. Plug Back Measured Depth 12915			20. Was Directional Survey Made? YES, ATTACHED		21. Type Electric and Other Logs Run		
22. Producing Interval(s), of this completion - Top, Bottom, Name 9053-12935 BENSON BONE SPRING										
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		#48		665		17 1/2		900 sks		
9 5/8		#40		3536		12 1/4		1300 sks		
5 1/2		#17		12915		8 3/4		1450 sks		
Tubing		2 7/8		8285						
24. LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT		SCREEN					
25. TUBING RECORD										
SIZE	DEPTH SET		PACKER SET							
2 7/8	8285									
26. Perforation record (interval, size, and number) 9232-12806 BENSON BONE SPRING						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 12570-12915 2.0#pb cem.net, 35/65 PozH, 50/50 PozH+adds Disp with 207 bbls F/W 2% kcl.				
28. PRODUCTION										
Date First Production 08/24/2013			Production Method (Flowing, gas lift, pumping - Size and type pump) PUMP				Well Status (Prod. or Shut-in) PROD			
Date of Test 08/24/2013	Hours Tested 24 HRS	Choke Size	Prod'n For Test Period	Oil - Bbl 538	Gas - MCF 351	Water - Bbl. 1089	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.) SOLD							30. Test Witnessed By			
31. List Attachments DIRECTIONAL DRILL SURVEY, Survey Data Certification										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.										
33. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude			Longitude			NAD 1927 1983				
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 <u>Cindy Herrera-Murillo</u> Printed Name CINDY HERRERA-MURILLO Title PERMITTING SPECIALIST Date 09/23/2013										
E-mail Address CHERRERAMURILLO@CHEVRON.COM										

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 and not later than 60 days after completion of closure. When submitted as a completion report, this 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 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinberry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs 6160	T. Todilto	
T. Abo	T. 1 st Bone Spring 7680	T. Entrada	
T. Wolfcamp	T. 2 nd Bone Spring 8514	T. Wingate	
T. Penn	T. 3 rd Bone Spring 8910	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....6160.....to.....7679..... No. 3, from...8515.....to.....8909.....
 No. 2, from.....7680.....to.....8513..... 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
6160	7679		Light grey unconsolidated well sorted Fine grained sand with dark grey calcite cemented shale.	7680	8513		Gray to Dark grey cross laminated And microcrystalline siltstone
8515	8909		White to light grey sand with Unconsolidated very finely grained Poorly sorted				

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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

Form C-103
Revised July 18, 2013

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

WELL API NO.
30-015-40953

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

WEST SHUGART 2 19 30

8. Well Number 2H

9. OGRID Number
4323

10. Pool name or Wildcat
BENSON BONE SPRING

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
CHEVRON USA INC

3. Address of Operator
15 SMITH RD MIDLAND, TX 79705

4. Well Location

Unit Letter I : 1920 feet from the SOUTH line and 350 feet from the EAST line
Section 2 Township 19S Range 30E NMPM County EDDY

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

3517'

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 ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

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

OTHER: COMPLETION OF NEW WELL ☒

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.

Completion Procedures:

08/15/13 MIRU Pulling Unit and Smith Equipment, D & L BOP
Move Pipe racks and tubing. RU Lay down Machine

08/16/13 RU Hydrostatic equipment & Tally Tubing. Well on Slight vacuum.

PU 10 jts 2 7/8" Tubing w/Cavins Desander & Peak 5 1/2" X 2 7/8" TAC w/2.25" F Profile Nipple and start in hole testing
Tubing to 6000 psi below the slips

Set 5 1/2" TAC w/2.25" F Nipple Stringer @ 7950 ft & EOT @ 8286 ft. Lay down 5 jts 2 7/8" Tubing for Sub Pump Space Out.

RD Pulling unit there was an issue w/the Matting Board sinking into the ground about 3 in. Called Mike Northcott and discussed
Issue and it was agreed that it would be best to RD unit and back fill on Tuesday when crew returns to work.

08/20/13 JSA Back hole filled in cellar with caliche and gravel. Fill in where rig mat was, replaced shorter rig mat with 30' rigmat.

Rig up pulling unit

POOH with tubing string standing back

Spud Date:

06/04/2013

Rig Release Date:

08/22/2013

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

SIGNATURE Cindy Herrera-Murillo TITLE Permitting Specialist DATE 09/23/2013

Type or print name Cindy Herrera-Murillo E-mail address: Cherrramurillo@chevron.com PHONE: 575-263-0431

For State Use Only

APPROVED BY: [Signature] TITLE Dist. Rep. Supervisor DATE 9/30/13

Conditions of Approval (if any):

West Shugart 2 19 30 # 2H

Completion Procedures

30-015-40953

08/21/13 JSA

Unload and assemble ESP, and control stations.

RIH with 238 jts 2.875' L-80 Tbg, 4' Sub (EOT-7,776), Drain valve, 4" Sub, SN 3 Pumps, Gas Sep, Seal ,
Seal Motor (EOP 7913) (24.5' KB)

Cut off cable to close ESP (RIH w/ 1 extra joint tubing so WH can be securely closed)

08/22/13 WHPSI-0 PSI, Install QCI tubing/Cable hanger

ND BOP

NE ESP Production tree, pack off well head and pressure test flange.

Function Test ESP (Good Test), SWH

RDPU, SDFN

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

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

Submit one copy to appropriate District Office

☒ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address CHEVRON USA INC 15 SMITH RD MIDLAND, TX 79705		² OGRID Number 4323
		³ Reason for Filing Code/ Effective Date NEW COMPLETION
⁴ API Number 30 - 015-40953	⁵ Pool Name BENSON BONE SPRING	⁶ Pool Code 5200
⁷ Property Code 39552	⁸ Property Name WEST SHUGART 2 19 30	⁹ Well Number 2H

II. ¹⁰ Surface Location

UL or lot no. 1	Section 2	Township 19S	Range 30E	Lot Idn	Feet from the 1920	North/South Line SOUTH	Feet from the 350	East/West line EAST	County EDDY
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¹¹ Bottom Hole Location

UL or lot no. L	Section 2	Township 19S	Range 30E	Lot Idn	Feet from the 1899	North/South line SOUTH	Feet from the 385	East/West line WEST	County EDDY
¹² Lse Code S	¹³ Producing Method Code PUMP	¹⁴ Gas Connection Date	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 OCCIDENTAL PERMIAN	²⁰ O/G/W OIL
	ENTERPRISE	GAS
RECEIVED SEP 26 2013 NMOCD ARTESIA		

IV. Well Completion Data

²¹ Spud Date 06/04/13	²² Ready Date 08/24/13	²³ TD 12935 / 8663	²⁴ PBTD 12915	²⁵ Perforations 9232-12806	²⁶ DHC, MC
²⁷ Hole Size 17 1/2	²⁸ Casing & Tubing Size 13 3/8	²⁹ Depth Set 665	³⁰ Sacks Cement 900 SKS		
12 1/4	9/58	3536	1000 SKS		
8 3/4	5 1/2	12915	1450 SKS		
TUBING	2 7/8	8285			

V. Well Test Data

³¹ Date New Oil 08/04/13	³² Gas Delivery Date	³³ Test Date 08/24/13	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil 538	³⁹ Water 1089	⁴⁰ Gas 351		⁴¹ Test Method
⁴² 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: <i>Cindy Herrera-Murillo</i>			OIL CONSERVATION DIVISION		
Printed name: CINDY HERRERA-MURILLO			Approved by: <i>T. C. Shepard</i>		
Title: PERMITTING SPECIALIST			Title: "Geologist"		
E-mail Address: CHERRERAMURILLO@CHEVRON.COM			Approval Date: 10/2/2013		
Date: 09/23/2013			Phone: 575-263-0431		
Report Gas Conn. Date on Exception					

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West Shugart 21930
State #4-H
completed 8/14/13

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Submit to Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	State of New Mexico Energy, Minerals and Natural Resources * Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Form C-105 Revised August 1, 2011 Amended*								
1. WELL API NO. 30-015-40843		2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN								
3. State Oil & Gas Lease No.		5. Lease Name or Unit Agreement Name WEST SHUGART 2 19 30								
WELL COMPLETION OR RECOMPLETION REPORT AND LOG		6. Well Number: 411								
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)		RECEIVED SEP 26 2013								
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER		9. OGRID 4323								
8. Name of Operator CHEVRON USA INC		11. Pool name or Wildcat BENSON BONE SPRING								
10. Address of Operator 15 SMITH RD MIDLAND, TX 79705										
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	D	2	19S	30E		400	NORTH	150	WEST	EDDY
BH:	A	2	19S	30E		352	NORTH	377	EAST	EDDY
13. Date Spudded 04/24/2013	14. Date T.D. Reached 05/13/2013	15. Date Rig Released 08/06/2013		16. Date Completed (Ready to Produce) 08/16/2013		17. Elevations (DF and RKB, RT, GR, etc.) 3468				
18. Total Measured Depth of Well 13130		19. Plug Back Measured Depth 13120		20. Was Directional Survey Made? YES-ATTACHED		21. Type Electric and Other Logs Run				
22. Producing Interval(s), of this completion - Top, Bottom, Name 9129-13010 BENSON BONE SPRING										
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	#48		615		17 1/2		900 SKS			
9 5/8	#40		3516		12 1/4		800 SKS			
5 1/2	#17		13120		8 3/4		1450 SKS			
24. LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT		SCREEN		25. TUBING RECORD			
							SIZE	DEPTH SET	PACKER SET	
							2 7/8	8194		
26. Perforation record (interval, size, and number) 9129 - 13010 BENSON BONE SPRING						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED				
						2965-8040 2.0# pb cement-net, 35 /65 PozH+ adds, Tail				
						450 sks.27 Yield, 102 bbls 14.5 ppg 50/50				
						PozH +adds disp 2/205 bbls F/W				
28. PRODUCTION										
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)				
08/15/2013		PUMP				PROD				
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
08/16/2013	24 HRS			628	626	1494				
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.)						30. Test Witnessed By				
SOLD										
31. List Attachments DIRECTIONAL DRILL SURVEY										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.										
33. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude			Longitude			NAD 1927 1983				
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 <i>Cindy Herrera-Murillo</i>			Printed Name Cindy Herrera-Murillo		Title Permitting Specialist		Date 09/23/2013		17	
E-mail Address Cherreramurillo@chevron.com										

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 and not later than 60 days after completion of closure. When submitted as a completion report, this 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 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinbry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs 5880	T. Todilto	
T. Abo	T. 1 st Bone Spring 7555	T. Entrada	
T. Wolfcamp	T. 2 nd Bone Spring 8398	T. Wingate	
T. Penn	T. 3 rd Bone Spring 8762	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from...5880.....to.....7554..... No. 3, from...8398.....to.....8762.....
 No. 2, from...7555.....to.....8397..... 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
5880	7554		Light Grey Unconsolidated well sorted fine grained sand with a dark grey calcite Cemented.				
8398	8762		White to light grey sand with unconsolidated very finely poorly sorted siltstone.	7555	8397		Gray to Dark Gray cross laminated and Microcrystalline siltstone.

18

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.)		WELL API NO. 30-015-40843
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator Chevron USA, Inc.		6. State Oil & Gas Lease No.
3. Address of Operator 15 Smith Road Midland, TX 79705		7. Lease Name or Unit Agreement Name WEST SHUGART 2 19 30 STATE
4. Well Location Unit Letter D : 400' feet from the North line and 150' feet from the West line Section 2 Township 19S Range 30E NMPM County Eddy		8. Well Number 4H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3468' GR		9. OGRID Number 4323
		10. Pool name or Wildcat DELAWARE RIVER; BONE SPRING

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:

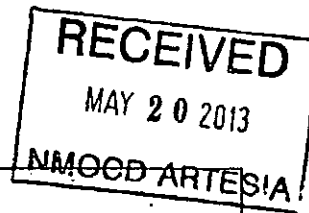
REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

OTHER: Set Production Casing ☒

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.

On 5/13/2013 @ 1900 hours; drilled production hole to 13140'. Ran 5.5" P-110 17# LTC 1679'-13120'. Pump Lead 1000 sks 390 bbls, 2.19 yield, 12.4ppg. w/2.0# pb cement, 35/65 Poz H + adds. Tail 450 sks, 1.27 yield, 102 bbls 14.5 ppg. 50/50 Poz H + adds disp. w/205 bbls F/W. Bump plug w/1500 psi over and close DV tool. Full returns thru out job. WOC. & prepare hope to nipple down. Clean mud tanks and haul off drilling fluids. Release drilling rig on 5/17/2013.



Spud Date:

04/24/2013

Rig Release Date:

05/17/2013

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

SIGNATURE:

TITLE Regulatory Specialist II

DATE 05/17/2013

Type or print name Bryan Arrant (Agent for Chevron)

E-mail address: bryan.arrant@chk.com

PHONE: (405)935-3782

For State Use Only

APPROVED BY:

TITLE District Supervisor

DATE 5/28/13

Conditions of Approval (if any):

19

WEST SHUGART 2 19 30 STATE 4H
UNIT D, SEC. 2, T-19-S R-30-E
EDDY CO., NM
30-015-40843

(WORK HISTORY-SET INTERMEDIATE CASING CONT.)

PUMP 20 BBL KCL WATER, PUMP LEAD CEMENT 1800 SKS, 580 BBL YIELD 1.81, @ 12.3 PPG,
300 SKS, 73 BBL TAIL, YIELD 1.35, @ 14.2 PPG, 1 PPB CEMENT DISPLACE W/ 138 BBL, F/W
BUMP PLUG W/ 1500 P.S.I. OVER AND CLOSE DV TOOL. BLEED OFF P.S.I. FLOAT HELD, 160 BBL
CMT. BACK TO PIT. WOC. R/D SCLUMBUGER WASH THRU STACK, N/D BOP. TEST CASING FOR 30
MINUTES TO 1500 PSI. TEST GOOD. RESUMED DRILLING @ 2000 HOURS ON 5/2/2013.

22

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

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

Submit one copy to appropriate District Office

☒ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address CHEVRON USA INC 15 SMITH RD MIDLAND, TX 79705		² OGRID Number 4323
		³ Reason for Filing Code/ Effective Date NEW COMPLETION
⁴ API Number 30 - 015-40843	⁵ Pool Name BENSON; BONE SPRING	⁶ Pool Code 5200
⁷ Property Code 39552	⁸ Property Name WEST SHUGART 2 19 30 STATE	⁹ Well Number 4H

II. ¹⁰ Surface Location

Ul or lot no. D	Section 2	Township 19S	Range 30E	Lot Idn	Feet from the 400	North/South Line NORTH	Feet from the 150	East/West line WEST	County EDDY
--------------------	--------------	-----------------	--------------	---------	----------------------	---------------------------	----------------------	------------------------	----------------

¹¹ Bottom Hole Location

UL or lot no. A	Section 2	Township 19S	Range 30E	Lot Idn	Feet from the 352	North/South line NORTH	Feet from the 377	East/West line EAST	County EDDY
¹² Use Code STATE	¹³ Producing Method Code PROD	¹⁴ Gas Connection Date 08/03/2013	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 O/G/W
	OCCIDENTIAL	OIL
	ENTERPRISE	GAS
RECEIVED SEP 26 2013 NMOCD ARTESIA		

IV. Well Completion Data

²¹ Spud Date 04/24/2013	²² Ready Date 08/16/2013	²³ TD 13130	²⁴ PBDT 13120	²⁵ Perforations 9129-13010	²⁶ DIIC, MC
²⁷ Hole Size 17 1/2	²⁸ Casing & Tubing Size 13 3/8	²⁹ Depth Set 615	³⁰ Sacks Cement 900 SKS		
12 1/4	9 5/8	3516	800 SKS		
8 3/4	5 1/2	13120	1450 SKS		
Tubing	2 7/8	8194			

V. Well Test Data

³¹ Date New Oil 08/16/2013	³² Gas Delivery Date 08/03/2013	³³ Test Date 08/16/2013	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil 628	³⁹ Water 1494	⁴⁰ Gas 626		⁴¹ Test Method PUMP

⁴² 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: *Cindy Herrera-Murillo*

Printed name:
CINDY HERRERA-MURILLO

Title:
PERMITTING SPECIALIST

E-mail Address:
CHERRERMURILLO@CHEVRON.COM

Date:
09/23/2013

Phone:
575-263-0431

OIL CONSERVATION DIVISION

Approved by:

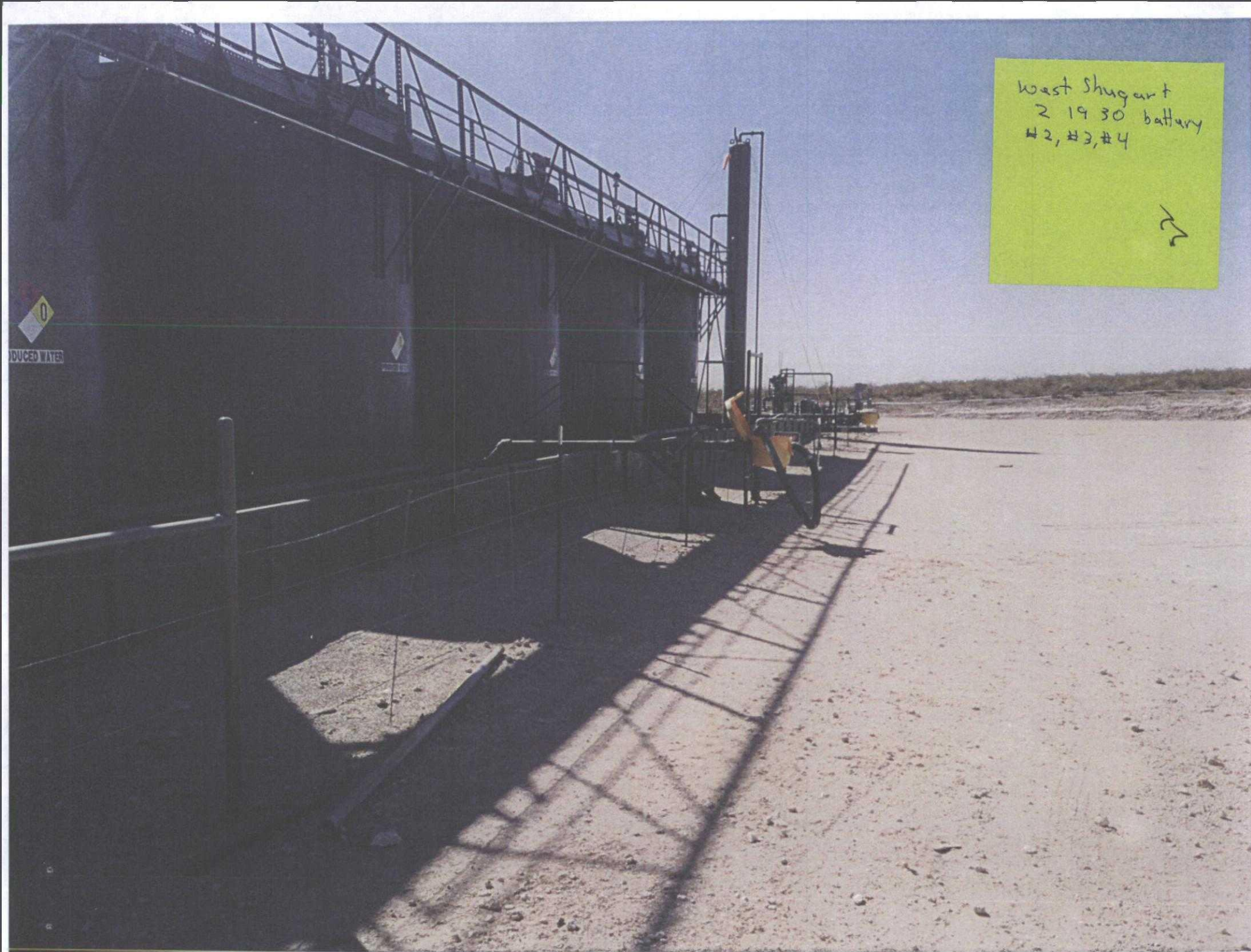
T.C. Shepard
"Geologist"

Approval Date:

10/2/2013

West Shugart
2 19 30 battery
#2, #3, #4

2





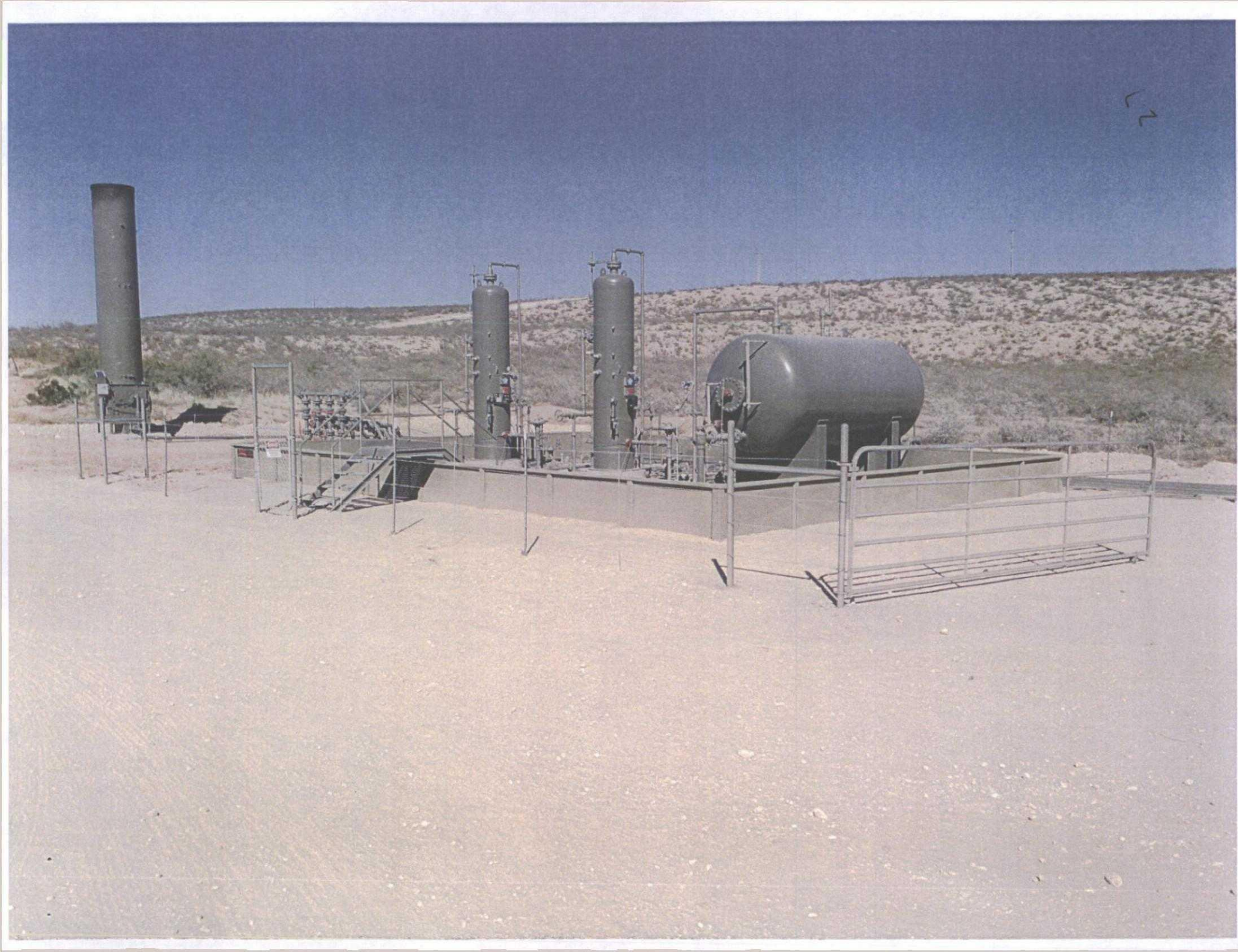
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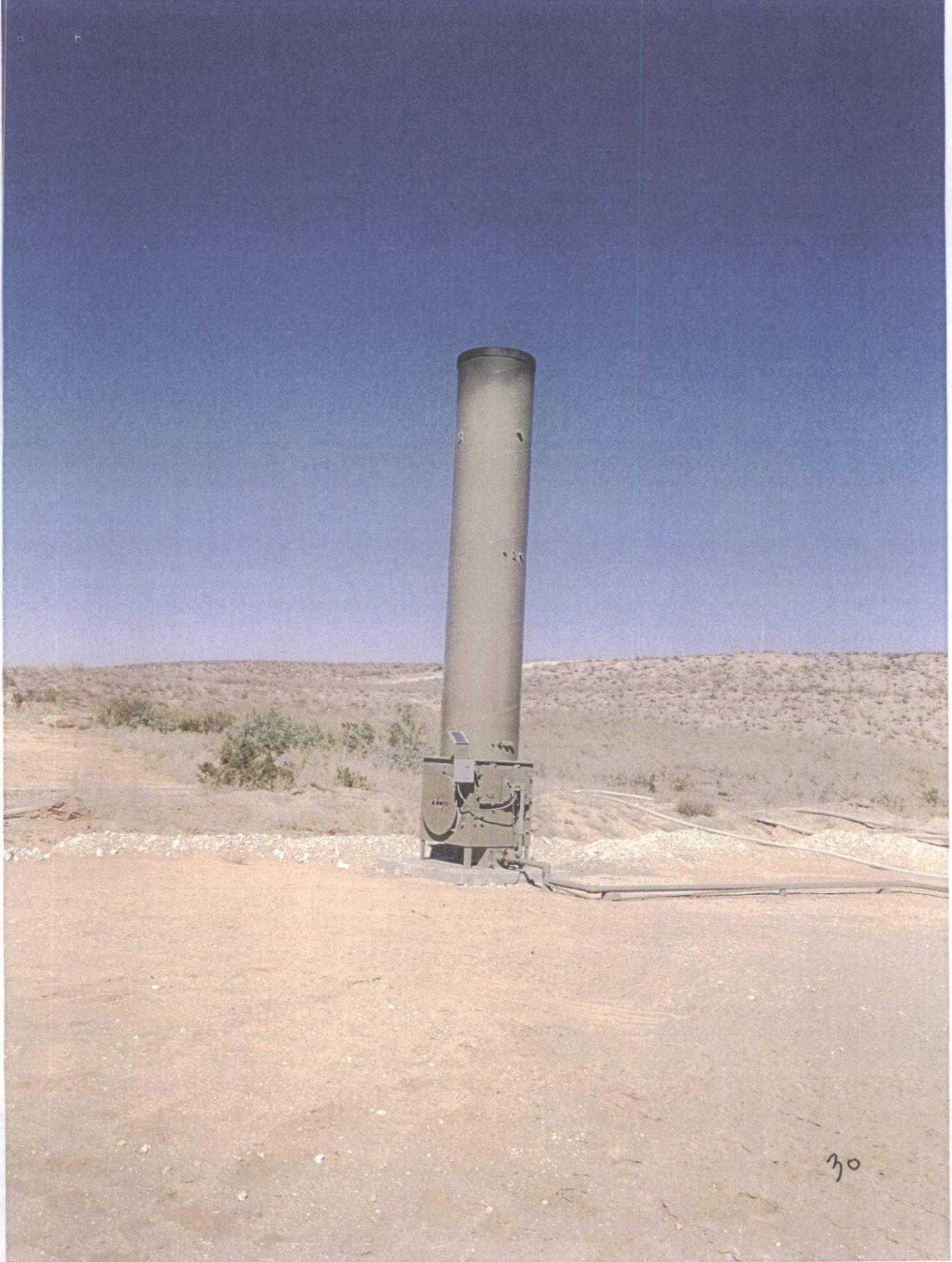












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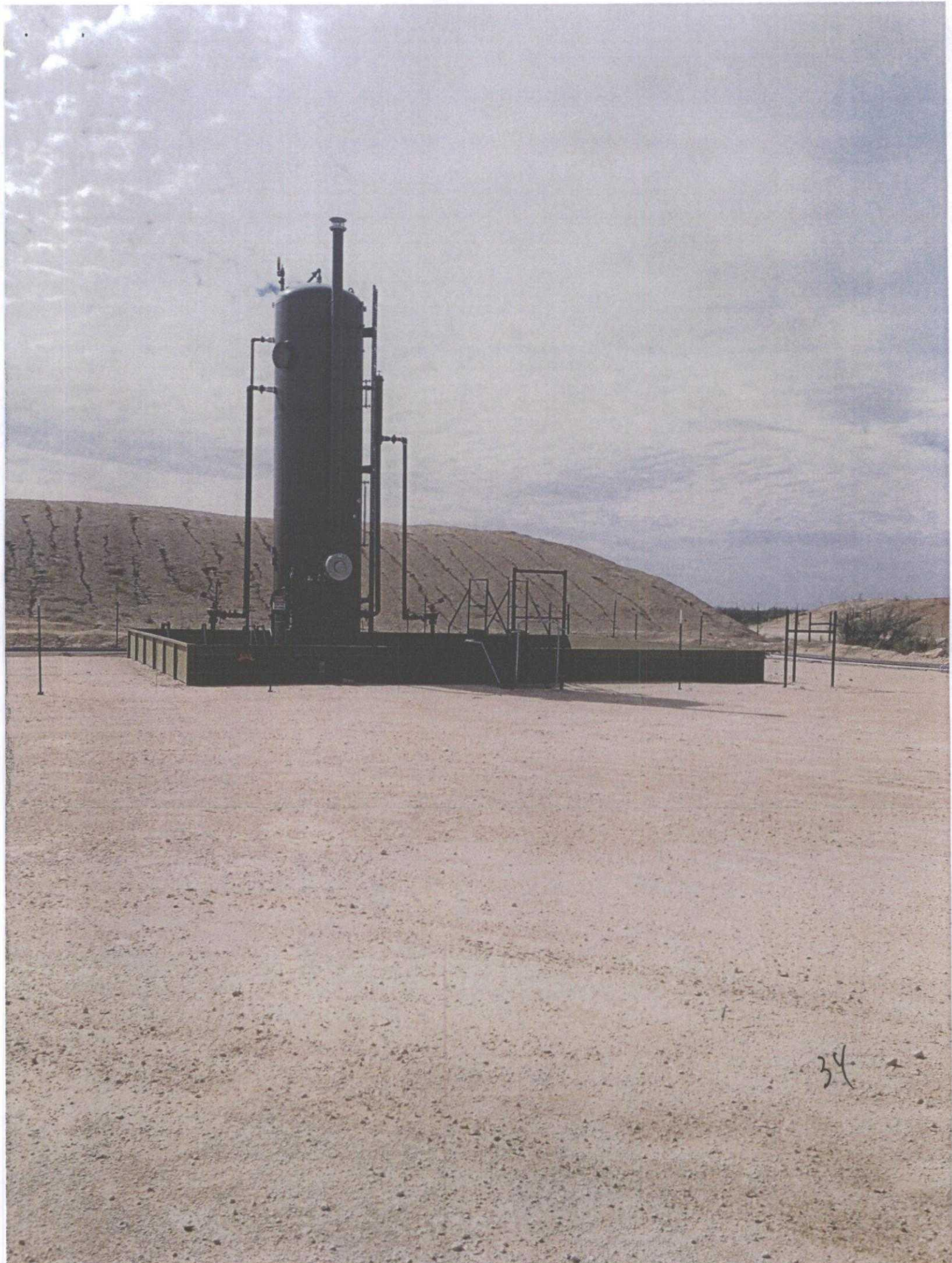
Paduca Breaks
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comp

31



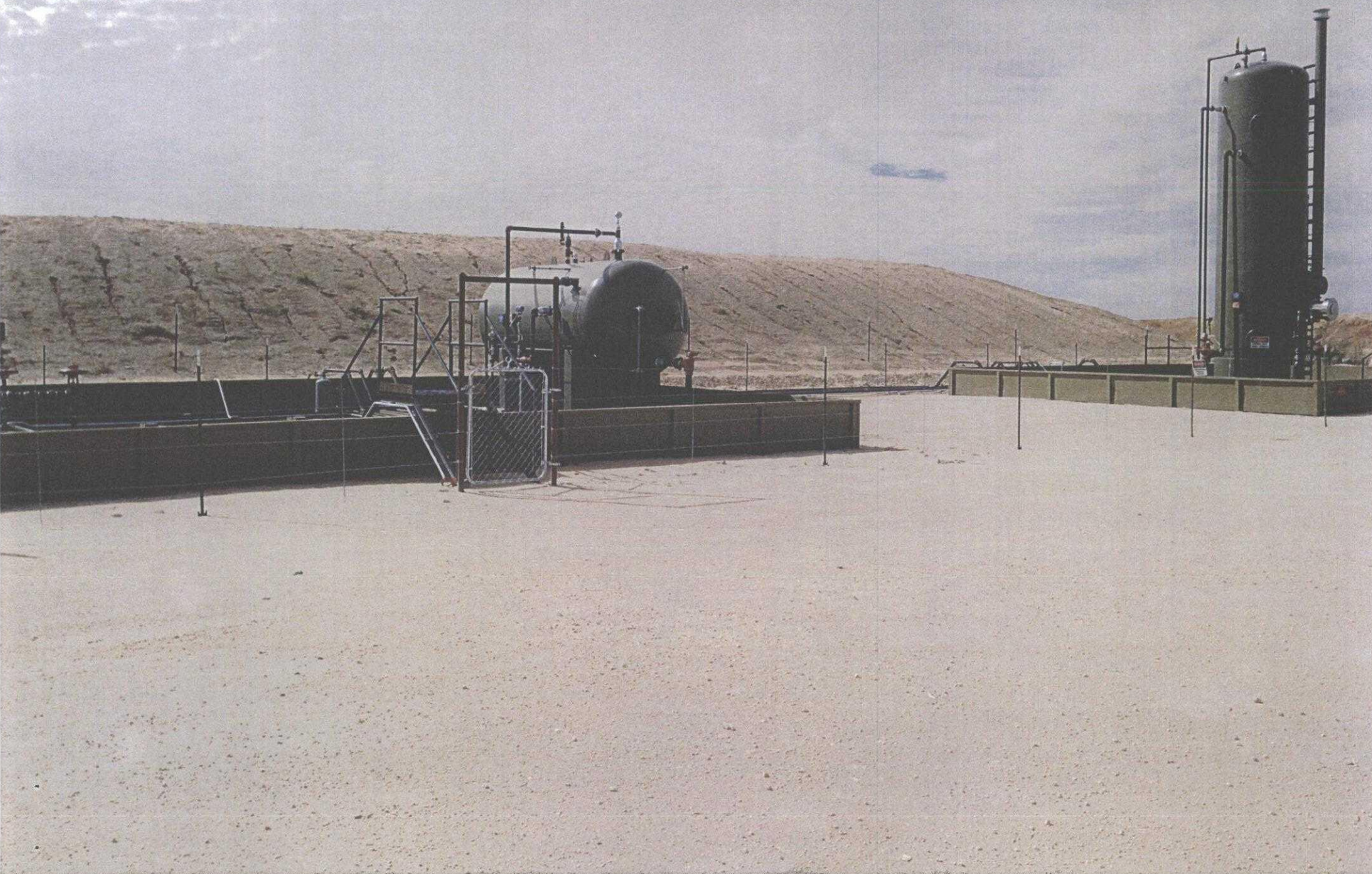






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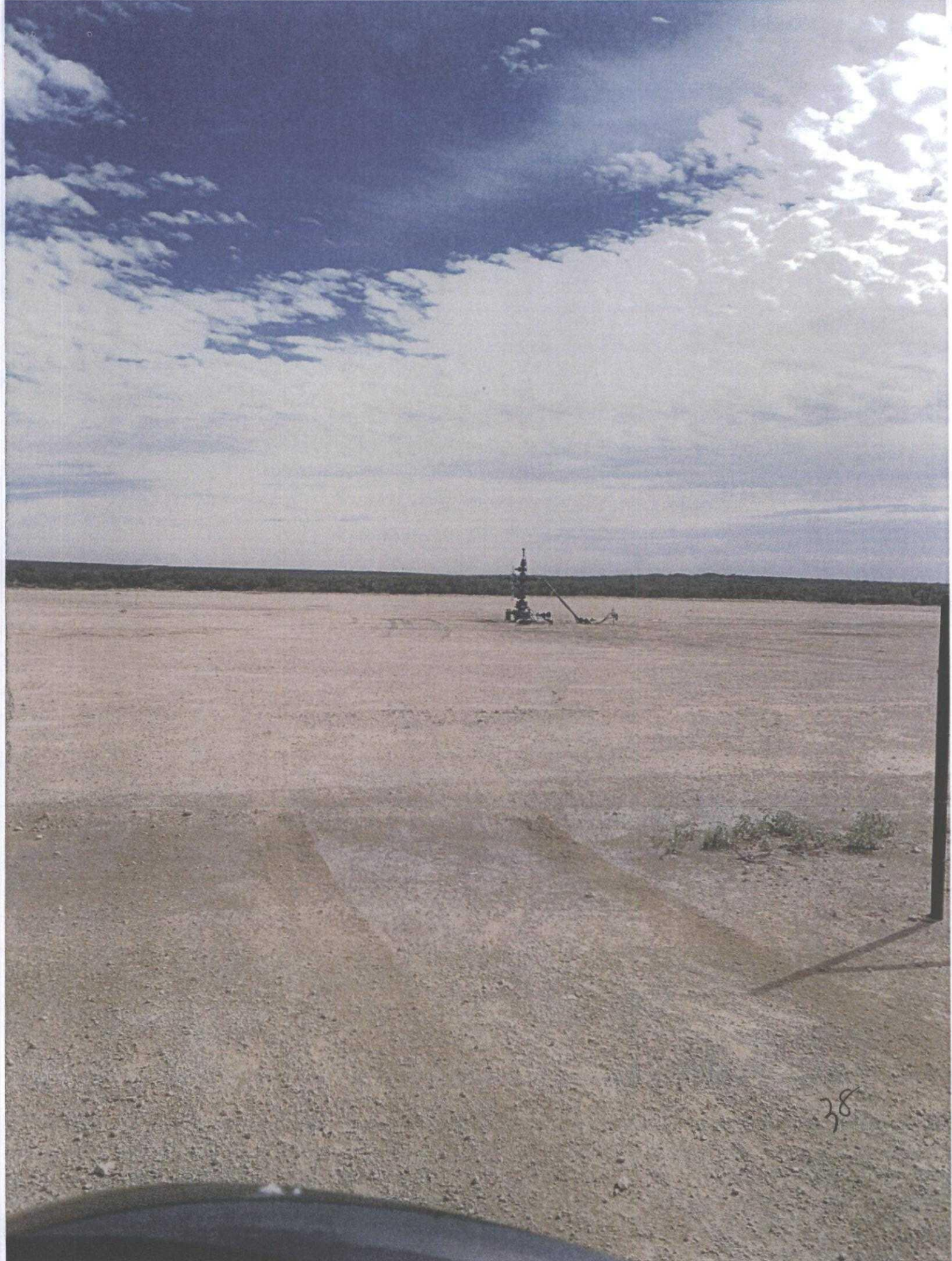


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Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88249 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87429 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505				Form C-105 Revised August 1, 2011				
		MAY 23 2013 RECEIVED				1. WELL API NO. 30-025-40922				
						2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN				
						3. State Oil & Gas Lease No.				
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)						5. Lease Name or Unit Agreement Name PADUCA BREAKS 32 26 32 ST 6. Well Number: 1H				
7. Type of Completion: ☐ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
8. Name of Operator Chevron USA, Inc.						9. OGRID 4323				
10. Address of Operator 15 Smith Road Midland, TX 79705						11. Pool name or Wildcat JENNINGS; BONE SPRING (UPPER SHALE)				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	A	32	26S	32E		400'	N	182'	E	LEA
BH:	D	32	26S	32E		370' 410'	N	375' 493'	E	LEA
13. Date Spudded 02/18/2013	14. Date T.D. Reached 03/05/2013	15. Date Rig Released 03/08/2013		16. Date Completed (Ready to Produce) 04/27/2013		17. Elevations (DF and RKB, RT, GR, etc.) 3101' GR'				
18. Total Measured Depth of Well 13245'		19. Plug Back Measured Depth 13245'		20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run Gr-Dens/Neu; AHV, DLL				
22. Producing Interval(s), of this completion - Top, Bottom, Name 9034'-13208'; Bone Spring										
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"		48		925'		17 1/2"		1300 SXS. CLASS C		
8 5/8"		32		4200'		11"		2050 SXS TXI/CLASS C		
5 1/2"		17		13245'		7 7/8"		1860 SXS POZ 35/65 & 50/50		
24. LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT		SCREEN					
25. TUBING RECORD										
SIZE	DEPTH SET		PACKER SET							
2 7/8"	8222'		8218'							
26. Perforation record (interval, size, and number) 9034'-13208'; 6 spf										
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.										
DEPTH INTERVAL					AMOUNT AND KIND MATERIAL USED					
9034'-13208'					494 bbls 15% NeFe;					
					1,824,405 lbs sand;					
					1,830,654 gals water					
28. PRODUCTION										
Date First Production 05/15/2013		Production Method (Flowing, gas lift, pumping - Size and type pump) Sub Pump 2 7/8"				Well Status (Prod. or Shut-in) Prod.				
Date of Test 05/15/2013	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 691	Gas - MCF 965	Water - Bbl. 2417	Gas - Oil Ratio			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 691	Gas - MCF 965	Water - Bbl. 2417	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold						30. Test Witnessed By JA				
31. List Attachments Directional Surveys; As Drilled Plat; E-Logs, C-104, Frac Disclosure										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.										
33. If an on-site burial was used at the well, report the exact location of the on-site burial:										
		Latitude		Longitude		NAD 1927 1983				
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			Printed Name Bryan Arrant		Title Regulatory Specialist II			Date 05/22/2013		
E-mail Address bryan.arrant@chk.com										

SEP 09 2013

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 and not later than 60 days after completion of closure. When submitted as a completion report, this 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 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico			Northwestern New Mexico	
T. Anhy	458'	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	821'	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt		T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates		T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers		T. Devonian	T. Cliff House	T. Leadville
T. Qucen		T. Silurian	T. Menefee	T. Madison
T. Grayburg		T. Montoya	T. Point Lookout	T. Elbert
T. San Andres		T. Simpson	T. Mancos	T. McCracken
T. Glorieta		T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock		T. Ellenburger	Base Greenhorn	T. Granite
T. Blinébry		T. Gr. Wash	T. Dakota	
T. Tubb		T. Delaware Sand 4040'	T. Morrison	
T. Drinkard		T. Bone Springs 7908'	T. Todilto	
T. Abo		T.	T. Entrada	
T. Wolfcamp		T.	T. Wingate	
T. Penn		T.	T. Chinle	
T. Cisco (Bough C)		T.	T. Permian	

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
			40

[illegible]

41

Heritage 215 #1H
15 23-28
comp

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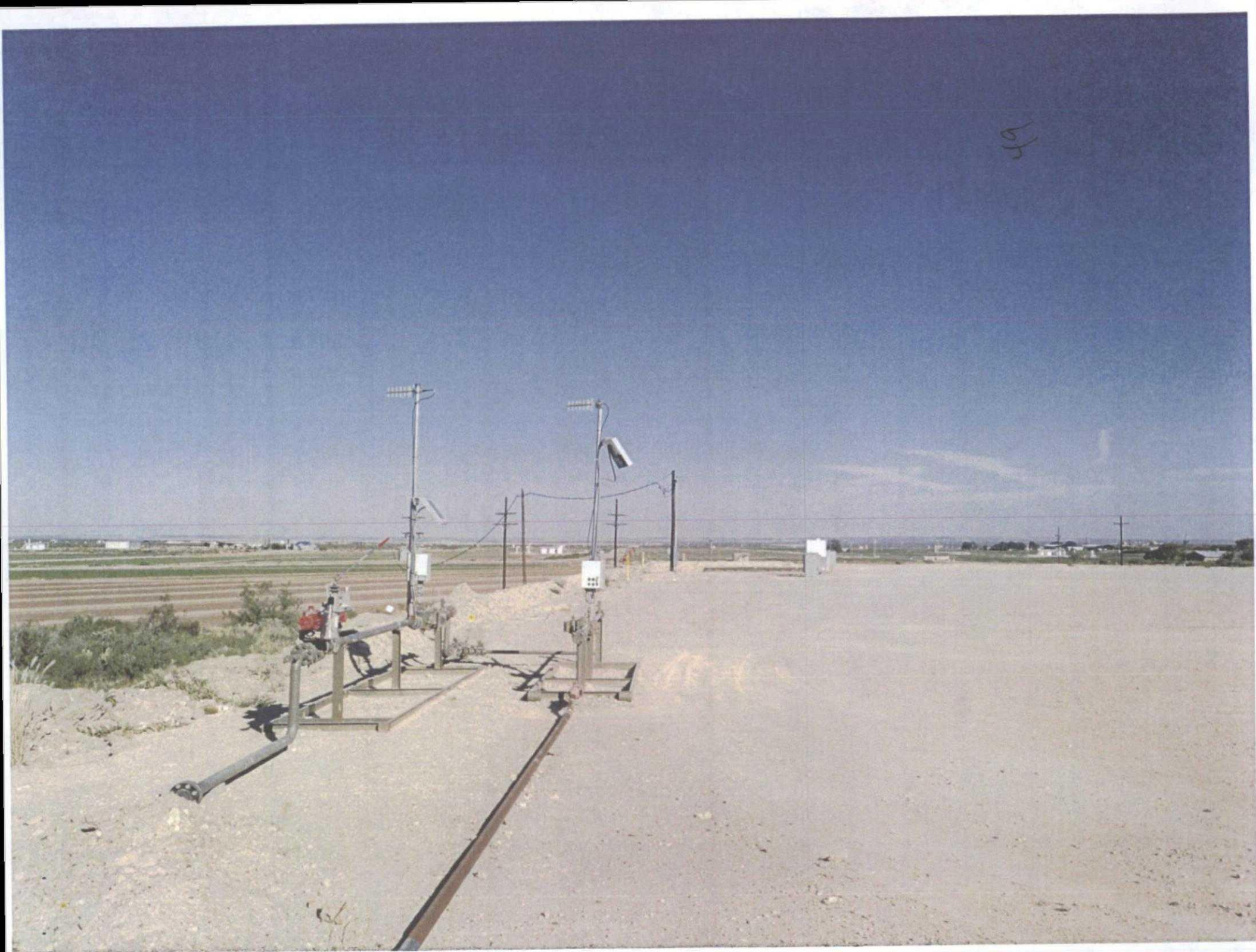






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Submit within 45 days of well completion	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505		Revised February 15, 2012 1. WELL NAME 30-015-00166 2. Well Name HERITAGE 2 15 #001H 3. Well Number 001H			
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment			4. Surface Hole Location: UTM N Lat/N Section 15 Township 23S Range 28E Easting 330 N 8 Line S Easting 2010 E W Line W 5. Bottom Hole Location: UTM N Lat/N Section 15 Township 23S Range 28E Easting 330 N 8 Line S Easting 2010 E W Line W 6. Latitude: 32.2900988155425 Longitude: 104.077212631194 7. County Eddy			
8. Operator Name and Address CHEVRON MIDCONTINENT, L.P. Attn: Sandy Steadman-Daniel P.O. Box 2100 Houston 77252			9. DDDID 241333	10. Phone Number 505-333-1941		
11. Last Frac Date 9/13/2012 Frac Performed by Halliburton			12. Fracturing Type O			
13. Well Casing 15011			14. Gross Fracture Interval 8,521 ft to 12,219 ft			
15. True Vertical Depth (TVD) 8,165 ft			16. Total Volume of Fluid Pumped 55,621 bbls			
17. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION:						
Trade Name	Supplier	Purpose	Ingredients	CAS # Chemical Abstract Service #	Maximum Ingredient Concentration in Additive (% by mass)	Maximum Ingredient Concentration in HF Fluid (% by mass)
Water	Chevron	Base Fluid			100%	87.7314%
Sand-Premium White-20/40	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	10.16846%
Sand-CRC-10/30	Halliburton	Resin coated proppant	Phenol / formaldehyde resin	9003-35-4	5%	0.0516%
HYDROCHLORIC ACID 22 BAUMLE FE-1A	Halliburton	Solvent	Crystalline silica	14808-60-7	100%	1.10225%
FE-2A	Halliburton	Iron Control Additive	35% Hydrochloric acid	7647-01-0	50%	0.38022%
LOSURF-3000	Halliburton	Citric Acid	Acetic anhydride	106-24-7	100%	0.01575%
		Non-ionic Surfactant	Acetic Acid	64-19-7	50%	0.00945%
			Citric acid	77-92-9	50%	0.00881%
			Ethanol	64-17-5	50%	0.00079%
			Heavy aromatic petroleum naphtha	64742-94-5	30%	0.0004%
			Naphthalene	91-20-3	5%	7E-05%
			1,2,4 Trimethylbenzene	95-53-5	1%	1E-05%
			Poly(oxy-1,2-ethanediyl, alpha-(4-nonylphenyl)-omega-hydroxy, branched	127087-87-0	5%	7E-05%
FR-38	Halliburton	Friction Reducer	Acetic acid	64-19-7	5%	0.00116%
MO-37	Halliburton	Buffer	Ammonium sulfate	7783-20-2	30%	0.00687%
GC-140 X2	Halliburton	Initiator	Sodium hydroxide	1310-73-2	30%	0.00694%
			Monocethanolamine borate	26038-87-9	100%	0.020%
CLA-STA-XP	Halliburton	Clay Stabilizer	Ethylene glycol	107-21-1	30%	0.0087%
			Polychlorophenyl trimethylamine quaternized	51838-31-4	60%	0.00886%
CLAYFIX 3	Halliburton	Clay Control	Sodium chloride	7547-14-5	30%	0.00742%
FDP-S1041	Halliburton	Surfactant	Poly(oxy-1,2-ethanediyl, alpha-(4-nonylphenyl)-omega-hydroxy, branched	127087-87-0	30%	0.00928%
			Complex alkyamine	Confidential Business Information	5%	0.00125%
HPH BREAKER SUPERSET W	Halliburton	Breaker	Sodium chloride	7547-14-5	30%	1E-05%
		Activator	Ethoxylated nonylphenol	Confidential Business Information	50%	0.00687%
			Methanol	67-58-1	50%	0.00687%
LP-65	Halliburton	Scale Inhibitor	Ammonium chloride	12125-02-9	10%	0.00031%
D-AIR 300DL	Halliburton	Defoamer	Alkenes	Confidential Business Information	100%	0.00048%
			Silica, amorphous precipitated	67762-90-7	30%	0.00015%
LCA-1	Halliburton	Solvent	Paraffinic solvent	Confidential Business Information	100%	0.00541%
H4-GS	Halliburton	Corrosion Inhibitor	Propargyl alcohol	107-19-7	10%	0.00026%
PEI-88 B	Halliburton	Cleaner	Methanol	67-58-1	60%	0.00155%
			Ethoxylated nonylphenol	Confidential Business Information	10%	0%
			Ethylene glycol	107-21-1	5%	0%
			Ethylene glycol monobutyl ether	111-76-2	50%	2E-05%
PROTEX-ALL	Halliburton	Scale Inhibitor	Quaternary ammonium compound	Confidential Business Information	5%	2E-05%
			Ethylene glycol	107-21-1	10%	4E-05%
WG-35	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.11024%
SP BREAKER	Halliburton	Breaker	Sodium persulfate	7772-27-1	100%	9E-05%
OPTALEEP-3-F	Halliburton	Concentrate	Sodium persulfate	10489-00-7	100%	0.00336%
			Wettable	Confidential Business Information	100%	0.00256%
OPTIFLO HTE	Halliburton	Breaker	Wettable	Confidential Business Information	100%	0.0008%
			Crystalline silica, quartz	14808-60-7	30%	0.00014%
BE-6	Halliburton	Biocide	2-Bromo-2-nitro-1,3-propanediol	52-51-7	100%	0.00014%
Scaletrol 720	Baker Hughes	Scale Inhibitor	Ethylene glycol	107-21-1	30%	0.0079%
			Calcium chloride (CaCl2)	10043-52-4	5%	0.00127%
ConSora 3500	Baker Hughes	Corrosion Inhibitor	Diatomaceous earth, calcined	91053-39-3	80%	0.00252%
			Quaternary ammonium compound	61789-71	15.06%	0.00047%
			ADP phosphate ester	1-9-9046	5.47%	0.00017%
			Crystalline silica Quartz (SiO2)	14808-60-7	1%	3E-05%
Parasora 5000	Baker Hughes	Paraffin Inhibitor	Calcined Diatomaceous Earth	91053-39-3	60%	0.00045%
			White Mineral Oil	8042-47-5	30%	0.00473%
			Proprietary Paraffin Inhibitor	Trade Secret	25%	0.00354%
			Crystalline silica Quartz (SiO2)	14808-60-7	1%	0.00016%

18. I, as Operator, hereby certify that the information on this disclosure form is true and complete to the best of my knowledge and belief.

Signature: Signed Electronically Printed Name: Joy Pinkerton Title:

Date: 3/4/2013

E-mail Address: leakejd@chevron.com

NAICCO does not require the reporting of information beyond NAICCO data as specified in 29 CFR 1910.1203. NAICCO does not require the reporting or disclosure of proprietary, trade secret or confidential business information.

50

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505		Form C-105 Revised August 1, 2011	
		1. WELL API NO. 30-015-40166			
		2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN			
		3. State Oil & Gas Lease No.			
WELL COMPLETION OR RECOMPLETION REPORT AND LOG					
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.NMAC)				5. Lease Name or Unit Agreement Name HERITAGE 2 15	
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER				6. Well Number: III	
8. Name of Operator CHEVRON U.S.A. INC.				9. OGRID 4323	
10. Address of Operator 15 SMITH ROAD MIDLAND, TEXAS 79705				11. Pool name or Wildcat CUJEBRA BLUFF; BONE SPRING, SOUTH	
12. Location	Unit Ltr	Section	Township	Range	Lot
Surface:	N	15	23-S	28-E	
BII:	C	15	23-S	28-E	
Feet from the N/S Line	Feet from the E/W Line	County			
330	2010	EDDY			
13. Date Spudded	14. Date T.D. Reached	15. Date Rig Released	16. Date Completed (Ready to Produce)		
06/04/2012	07/07/2012	10/04/2012 7/9	09/01/2012		
17. Elevations (DF and RKB RT, GR, etc.) 3023'		21. Type Electric and Other Logs Run CBL/GR/CCL			
18. Total Measured Depth of Well' 12,332		19. Plug Back Measured Depth 12,247'		20. Was Directional Survey Made? YES	
22. Producing Interval(s), of this completion - Top, Bottom, Name BONE SPRING, SOUTH 8521-12,219					
23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13.375	48	487'	17.5	625 SX	
9.625	40	2991'	12.25	1110 SX	
5.5	17	12,332'	8.75	2291 SX	
24. LINER RECORD					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	PACKER SET
25. TUBING RECORD					
SIZE	DEPTH SET	PACKER SET			
2 7/8"	7429'	7422'			
26. Perforation record (interval, size, and number) 12219 (11 SHOTS) 12118 (10 SHOTS) 12009(8 SHOTS) 11900 (8 SHOTS) 11791 (7 SHOTS) 11707-09, 11573-75, 11464-65, 11355-56, 11246-47, 11137-39, 11028-30, 10919-90, 10810-11, 10701-02, 10592-94, 10483-85, 10374-75, 10267-68, 10156-57, 10047-49, 9928-30, 9829-30, 9720-21, 9611-12, 9502-04, 9393-95, 9284-85, 9175-76, 9066-67, 8957-59, 8850-52, 8739-40, 8630-31, 8521-22					
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 8521-12,332 ACIDIZE W/42,570 GALS ACID					
28. PRODUCTION					
Date First Production 10/08/2012		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING		Well Status (Prod. or Shut-in) PROD	
Date of Test 10/09/2012	Hours Tested 24 HRS	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF
				515	950
Water - Bbl.	Gas - Oil Ratio				
458					
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD					30. Test Witnessed By
31. List Attachments					
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.					
33. If an on-site burial was used at the well, report the exact location of the on-site burial:					
Latitude Longitude NAD 1927 1983					

grade for production casing?

[Signature]

Heritage 2-15 # 1H

0	437	Anhydrite					
438	547	Salt					
548	2620	Sand/Limestone					
2621	3455	Limestone					
3456	4700	Sand/Limestone					
4701	6190	Limestone					
6191	6435	Shale/Silt					
6436	7200	Sand					
7201	7450	Limestone					
7451	7950	Sand					
7951	8255	Limestone					
8256	8500	Limestone					

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 Denise Pinkerton Printed Name DENISE PINKERTON Title REGULATORY SPECIALIST Date 11-15-2012

E-mail Address leakejd@chevron.com

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 and not later than 60 days after completion of closure. When submitted as a completion report, this 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 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy 437	T. Canyon	T. Ojo Alamo	T. Penn A"
Salado/Castille 547	T. Strawn	T. Kirtland	T. Penn. "B"
Bell Canyon 2620	T. Atoka	T. Fruitland	T. Penn. "C"
Cherry Canyon 3455	T. Miss	T. Pictured Cliffs	T. Penn. "D"
Brushy Canyon 4700	T. Devonian	T. Cliff House	T. Leadville
Bone Spring 6190	T. Silurian	T. Menefee	T. Madison
Avalon 6435	T. Montoya	T. Point Lookout	T. Elbert
1 st Bn Spring 7200 Sand	T. Simpson	T. Mancos	T. McCracken
2 nd Bn Spring 7450 Carb	T. McKee	T. Gallup	T. Ignacio Otzte
2ndBn Spring 7950 Sand	T. Ellenburger	Base Greenhorn	T. Granite
3rdBn Spring 8255 Carb	T. Gr. Wash	T. Dakota	
Pilot Hole TD 8500	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

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	From	To	Thickness In Feet	Lithology
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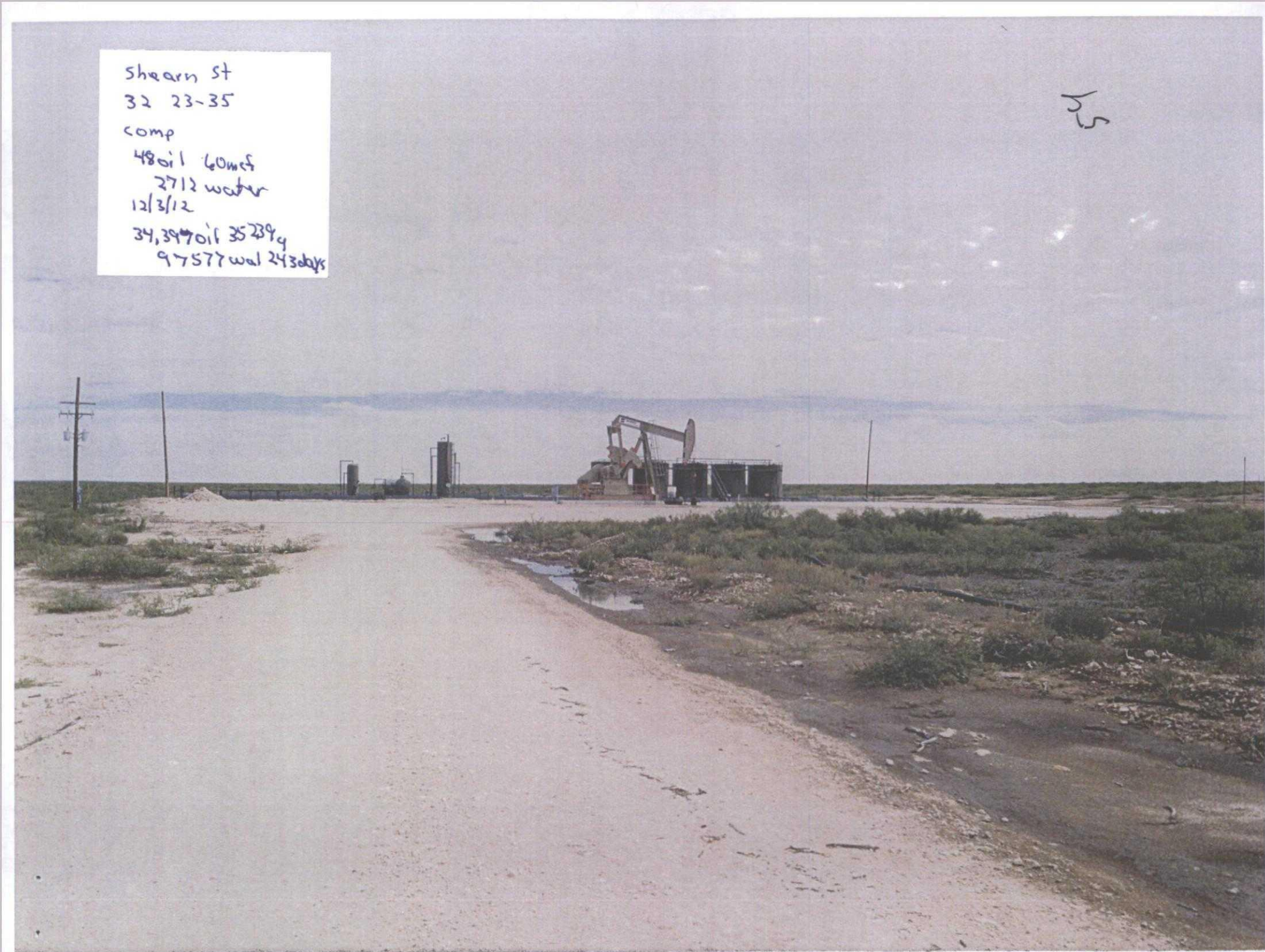
Shearn St
32 23-35

comp

48 oil 60 wcf
2712 water
12/3/12

34,397 oil 35239 y
97577 wal 243 days

25

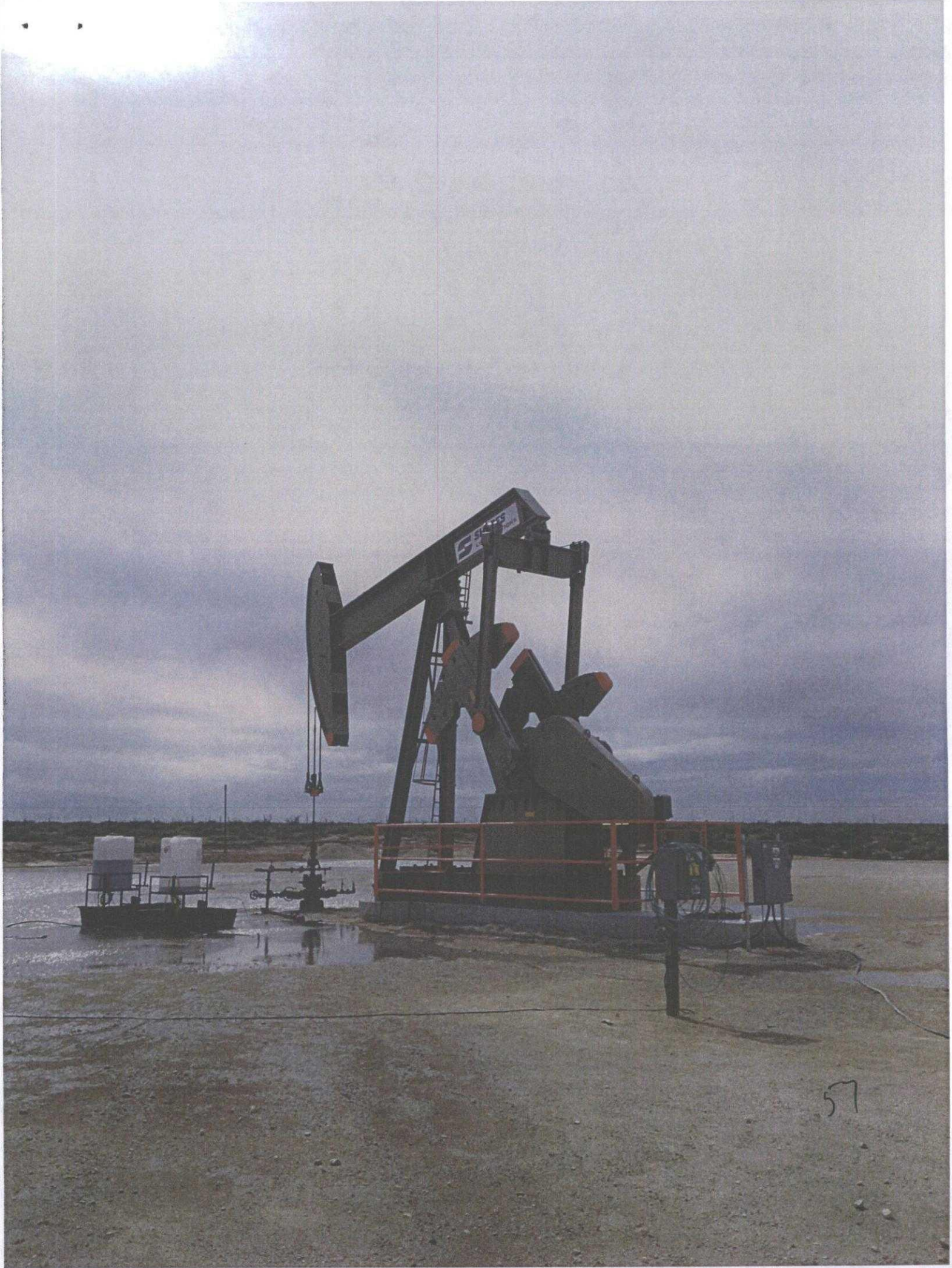


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65





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stratojet 31 com 3H
31 20-25

comp

1392 oil 1130 mcf 89,300

8/2011

365,621 oil

433,090 gas

178,451 water 678 days

25





SC

TCO 1111

 **CONCHO** COG Operating LLC

STRATOJET 31 COM #3H
UNIT N, SEC. 31-T20S-R35E
330' FSL & 1980' FWL
LEA COUNTY, NEW MEXICO
API #30-025-40103

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