ENGINEER G

2105 My 2015

PMAM 1631954872

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -1220 South St. Francis Drive, Santa Fe, NM 87505



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	-	[WFX-Wat	erflood Exp	ansion] [PMX	Pressure M	aintenan	ce Expansion		
	[EOR-Qua			Disposal] [}Plecovery Certifical				Response	ı
[1]	TYPE OF AP	PI JCATI	ON - Checi	Those Which A	nnly for [A]				
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	Check	One Only	for [B] or [C]			161	96 p	
	[B]			age - Measureme B] ols	OLM	well -7811	TV-0
	[C]			- Pressure Increa			covery PPR	VLC &	JU-D Descu 40 41
	[D]	Other: S	pecify					300	25-23890
[2]	NOTIFICAT [A]			: - Check Those Ity or Overriding				y Po	of Devonia, Silunian tof
	[B]	Off	set Operator	s, Leaseholders	or Surface O	wner		96	tel Lunian
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	[F]	☐ Wa	ivers are At	tached					
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	al is <mark>accurate</mark> a	nd comple	te to the be	y that the information of my knowled notifications are	ge. I also ur	nderstand	that no action	n for admir n will be ta	sistrative ken on this
	Note	: Statement	must be comp	leted by an individu	ıal with manag	erial and/o	r supervisory ca	pacity.	
Print o	Haven or Type Name	<u> </u>	Signature FO	Application of act	- -	<u>Cons</u> Title	4L ten	<u></u> .	Date
				•		-mail Add			

Form 3160-5 (June 2015)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OCD Hobbs 5. Lease Serial No.
NMNM26394
Sirindian, Allottee or Tribe Name

FORM APPROVED OMB No. 1004-0137 Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for so

7. If Unit of CA/Agreement, Name and/or No. SUBMIT IN TRIPLICATE - Other instructions on page 2 1. Type of Well 8. Well Name and No. Oil Well **✓** Other 7811 JV-P VACA DRAW UNIT SWD #1 2. Name of Operator MESQUITE SWD, INC Well No. 30-025-23895 3a. Address PO BOX 1479 3b. Phone No. (include area code) 10. Field and Pool or Exploratory Area CARLSBAD NM 88221-1479 575-706-7288 SWD;DEVONIAN 4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) 11. Country or Parish, State 658' FSL & 662' FEL, SESE SEC 21, T25S-R33E UL-P-

12. CH.	ECK THE APPROPRIATE BOX	(ES) TO INDICATE NATUR	E OF NOTICE, REPORT OR OTH	ER DATA
TYPE OF SUBMISSION		TY	PE OF ACTION	
✓ Notice of Intent	Acidize Alter Casing	Deepen Hydraulic Fracturing	Production (Start/Resume) Reclamation	Water Shut-Off Well Integrity
Subsequent Report	Casing Repair Change Plans	New Construction Plug and Abandon	Recomplete Temporarily Abandon	Other
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disposal	NAME CHANGE

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

IN ACCORDANCE WITH COA, MESQUITE INTENDS TO CHANGE THE NAME OF THE WELL FROM: 7811 JV-P VACA DRAW UNIT SWD #1

TO: VACA DRAW FED SWD #1

NEW PROPERTY ID 317129

SUBJECT TO LIKE APPROVAL BY STATE

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) RILEY G NEATHELRIN	PRODUCTION FO	DREMAN
Signature S S Supplies	Pate	A PPROVED
THE SPACE FOR FEDER	RAL OR STATE O	FICE USE
Approved by	Trile	OCT 1 5 2016
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	BUREAU OF LAND MANAGEMENT CARLSEAD FIELD OVEICE

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

(Instructions on page 2)

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

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

FORM C-108 Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

I.	PURPOSE: Secondary Recovery Pressure Maintenance X Disposal Application qualifies for administrative approval? X Yes No	Storage
II.	OPERATOR: Mesquite SWD, Inc	宣召
	ADDRESS:P.O. Box 1478 Carisbad, NM 88220	<u> </u>
	CONTACT PARTY: Kay Havenor PHONE: 575-626-4518	
111.	WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.	
JV.	Is this an expansion of an existing project? Yes X No If yes, give the Division order number authorizing the project:	
V.	Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half n around each proposed injection well. This circle identifies the well's area of review.	nile radius circle drawn
VI.	Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed ir shall include a description of each well's type, construction, date drilled, location, depth, record of completion, an plugged well illustrating all plugging detail.	
VII.	Attach data on the proposed operation, including:	
	 Proposed average and maximum daily rate and volume of fluids to be injected; Whether the system is open or closed; Proposed average and maximum injection pressure; Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other water; and, If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the propo analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, 	sed well, attach a chemical
*VIII.	Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic na Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources k underlying the injection interval.	waters with total dissolved
IX.	Describe the proposed stimulation program, if any.	
*X.	Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need no	ot be resubmitted).
*XI.	Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within or disposal well showing location of wells and dates samples were taken.	one mile of any injection
XII. water.	Applicants for disposal wells must make an affirmative statement that they have examined available geold and find no evidence of open faults or any other hydrologic connection between the disposal zone and any under	
XIII.	Applicants must complete the "Proof of Notice" section on the reverse side of this form.	
XIV.	Certification: I hereby certify that the information submitted with this application is true and correct to the best of belief.	of my knowledge and
	NAME: Kay Havenor TITLE: Agent	
	SIGNATURE: Kay C Howenor DATE: 10/16/2	016
	E-MAIL ADDRESS: Kay. Havenor@Gmail.com Mesquite SWD, Inc contact: ClayLWilson@hotmail.com	
•	If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be show the date and circumstances of the earlier submittal:	pe resubmitted. Please

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

III. WELL DATA

- A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:
 - (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
 - (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
 - (3) A description of the tubing to be used including its size, lining material, and setting depth.
 - (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

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

- B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.
 - (1) The name of the injection formation and, if applicable, the field or pool name.
 - (2) The injection interval and whether it is perforated or open-hole.
 - (3) State if the well was drilled for injection or, if not, the original purpose of the well.
 - (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
 - (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

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

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

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

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

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

INJECTION WELL DATA SHEET

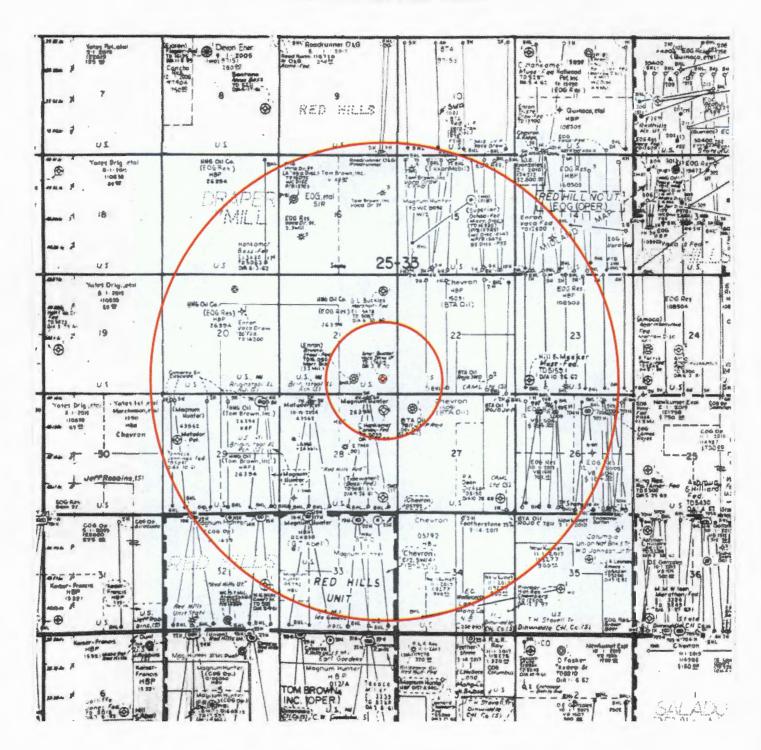
OPERATOR:	Mesquite SWD, Inc.		(OGR	<u>UD 16196</u>	8)	
WELL NAME &	NUMBER: 7811 JV-P Vaca Draw				30-0	25-23895
WELL LOCATIO		rrection of original reported 660' F: P		250		22E
WELL LOCATIO	PN: 687.5' FSL & 661.5' FEL FOOTAGE LOCATION	UNIT LETTER	21 SECTION	25S TOW	NSHIP	33E RANGE
	WELLBORE SCHEMATIC		PROPOSED	WELL C	ONSTRUCT	TION DATA
	W LEEDORE SCHEMENTE		T NOT OBLD	Surface (101. D111.1
		Hole Size:	24"		Casing Size	e: 20" Surface 30# H40
	See attached diagram	Cemented with:	1550	sx.	or	ft³
		Top of Cement:	Surface		Method De	termined: <u>Circulated</u>
			1'	st <u>Intermedi</u>	ate-Casing	
		Hole Size:	17½"		Casing Size	e: <u>13% 61/68</u> #
		Cemented with	h:3200	sx.		
		Top of Cemen	t: Surface	:	Method De	termined: <u>Circulated</u>
			<u>2</u> ^	Intermed	iate-Casing	
		Hole Size:	121/4"		Casing Size	e:10¾"
		Cemented with	h: 2100		or	ft³
		Top of Cemen	DV tool @ 6 st:Surface		Method De	termined: <u>Circulated</u>
		Total Depth: 1	7,909' (Base csg 12	2,690')		
		-		Injection	<u>Interval</u>	
			Proposed	17,4 <u>9</u> 8'	To1	9,042'
			(Perforated or Ope	n Hole; in	dicate which) Open Hole

INJECTION WELL DATA SHEET

Tu	bing Size: 4-1/2" P110/N-80 Lining Material: <u>Fiberglass coated</u>
Тур	pe of Packer: Lok-Set or equivalent
Pac	ker Setting Depth: Approx 17,498' ft (in new side-tracked hole)
Oth	ner Type of Tubing/Casing Seal (if applicable):
	Additional Data
1.	Is this a new well drilled for injection?Yes _XNo
	If no, for what purpose was the well originally drilled? Gas Vaca Draw Unit
	P&A 2/20/1973
2.	Name of the Injection Formation: Siluro-Devonian
3.	Name of Field or Pool (if applicable):
4.	Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. Yes- See data in VI, below
5.	Give the name and depths of any oil or gas zones underlying or overlying the proposed
	injection zone in this area: _Delaware sand 4977', Bone Springs 9324', Siluro-Devonian 17,400' +/-

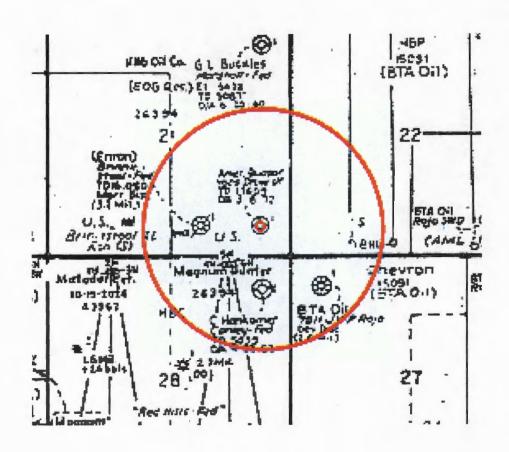
Item V:

Area of Review ½ Mile AOR and 2 Mile Radius



Item V (a):

AOR Half - Mile



Item VI: Data on wells in AOR:

API	WELL_NAME	STATUS	SDIV	SEC	TWN	RANGE	FTG_	NS	FTG	EW	oct	OPERATOR OPERATOR	WEL	LAND	PLUG_DATE	SPUD	ELEVGL	TVD_DEPTH
3002539943	VACA 14 FEDERAL 006H	drilled or	С	14	25.08	33E	50	N	2130	W	C	EOG RESOURCES INC	0	F		07-Sep-12	3366	9445
3002539944	VACA 14 FEDERAL COM 005H	drilled or	Đ	14	25.0\$	33E	50	N	330	W	D	EOG RESOURCES INC	0	F		05-Dec-10	3369	1409 2
3002537839	VACA 14 FEDERAL 002H	Active	1	14	25.0S	33E	1980	S	330	E	1	EOG RESOURCES INC	0	F		25-May-06	3352	12299
3002534118	VACA 14 FEDERAL 001	Plugged	K	14	25.08	33E	1650	S	1650	W	K	EOG RESOURCES INC	0	F	07-Oct-97	20-Sep-97	3352	12600
3002535445	VACA DRAW 15 FEDERAL 001	Active	Đ	15	25.08	33E	660	N	660	W	D	CIMAREX ENERGY CO. OF COLORADO	G	F		20-Jul-01	3381	1377 9
3002527623	OCHOA FEDERAL 001H	Active	G	15	25.0\$	33E	1979	N	1979	E	G	EOG RESOURCES INC	0	F		20-Nov-81	3369	15185
3002530050	BRINNINSTOOL 21 FEDERAL 001	Plugged	0	21	25.0 S	33E	660	S	1980	E	0	EOG RESOURCES INC	G	F	07-Jan-04	30-Jun-92	3364	16050
3002523895	VACA DRAW UNIT 001	Plugged	P	21	25.0\$	33E	660	S	660	Ε	P	AMERICAN QUASAR PET	0		20-Feb-73	10/2/1971	3350	17609
3002542897	ROJO B 7811 JV P 001H	drilled or	C	22	25.05	33E	210	N	2178	W	С	BTA OIL PRODUCERS, LLC	0	F		11-Nov-15	3370	9347
3002526188	ROJO 7811 JV-P 001	Active	D	27	25.0\$	33E	660	N	560	W	D	BTA OIL PRODUCERS, LLC	G	F		2/9/1979	3339	17525
3002508390	CONLEY FEDERAL 001	Plugged	A	28	25.0\$	33E	660	N	660	Ε	A	CURTIS HANKAMER	0	F	28-Apr-62	12-Apr-62	3354	5039

3002530050 EOG Resources, Inc. Unit O. Sec 21, T25S-R33E Lea Co. Elev 3364 GL, Spudded 10/5/1987, 17½' hole set 640' 13¾" 48# H40 STC with 650 sx cmt to surface. 12¼" hole set 4875' 9 ¾" 40# K55 & 36# K55 L/STC with 1900 sx cmt to surface. 8½" hole set 13264' 7" 26# P110 S/L & LTC w/1425 sx cmt, Opr est TOC 8600'. 4½" liner 12889'-16047' 15.10# P110 cmt with 425 sx. PBTD 15954' Perf 15764-66'. Perf 15759'-15766'. Perf 15170'-15380. TA Morrow sand plug approx 14900'. Perf Wolfcamp 13676-13686'. Cut stuck tbg 12816', CIBP +35' cmt CBL tagged @12728'. Set 40 sx cmt 12525'-12729'. Apollo perf I SPF 9541'-9555', 9575'-9615', 9669'-9683', 9731'-9755'. CIBP 9529'. CIBP @ 9529' + 22' cmt. Perf 9379'-9380'. CIBP 9350' + 25 sx cmt to 9286. Cut csg @ 6350'. Recut @ 6350'. Pulled 7". 50 sx cmt 6300'-6416', tagged 6271'. 75 sx cmt 4925'-4792', tagged @ 4741'. 35 sx cmt 1900'-2000'. 35 sx cmt 1350'-1450'. 45 sx cmt 590'-690' tagged @564'. 25 sxs 61' to surface. P&A 1/17/2004.

3002523895 American Quasar Petroleum Co. Of New Mexico Unit P, Sec 21,T25S-R33E Lea Co. Elev 3358 GL. Spudded 10/2/1971. 24" hole for 920' 20" 94# N-40 STC with 1550 sx cmt circ to surface. 17½" hole set 13¾" 61/68# @ 4906' w/3200 sx cmt circ to surface. 12¼" hole set 10¾" 13,004' w/3375 sx cmt circulated to surface. 8¾"hole set 7¾" liner 45.3# @ 12715'-17495' w/2600 sx cmt circ to surface. Extensive DST, perf and completion attempts were made (below new proposed side track 12600' - 17375'). All tested zones were not producible or were water-wet. Non-OCD data indicates P&A cmt plugs 13100'-13210', 12615'-12715', 6500'-6600', 4800'-4900', 900'-100', and 10 sx cmt surface.

Item VI: Data on wells in AOR (continued)

3002534118 EOG Resources, Inc. Unit K, Sec 14, T25S-R33E Lea Co. Elev 3352 GL, Spudded 9/20/1997, 14¾" hole set 650' 11¾ " 42# with 400 sx cmt to surface. 11" hole set 4845' 85%" 32# HCK-55 STC & 32# J-55 STC with 1425 sxs cmt circ to surface. TD 12600'. Plugs 100' cmt over 9291-9191', 7813-7713', 6402-6302', 4895-4795', 700-600', and surface 10'. P&A 10/6/1977.

3002508390 Curtis Hankamar Unit A, Sec 28, T25S-R33E Lea Co. Elev 3354 GL. Spudded 4/12/1962. Set 324' 85% csg w/ 200 sx cmt. TD 5039'. Set 20 sxs cmt plugs 5039'-4976', 4620'-4555', 1210'-1165', 1210'-1165', 324'-265', and 10 sxs at surface. P&A 4/22/1962.

30-025-26188 BTA Oil Producers, LLC Unit D, Sec 27, T25S-R33E, Lea Co. An active well. Originally tested the Devonian as water wet, plugged back and completed in the Atoka. Presently active gas well 15018'-15856'.

Item VII:

- 1. The maximum injected volume anticipated is 40,000 BWPD. Average anticipated is 30,000 BWPD.
- 2. Injection will be through a closed system.
- 3. Maximum injection pressure is expected to be 3,500 psi, or as controlled by depth.
- 4. Sources will be produced water that is compatible with known waters in the disposal zones.
- 5. Water sample analyses from the surrounding Siluro-Devonian area are not know. However, the regional information suggests it is non-productive of hydrocarbons. The closest water sample is from the Delaware in Sec. 25, T26S-R32E. It is representative of Delaware water received for disposal.

Genera	i information	About: Sample 4	222			
	NORTH EL N	AAR UNIT 022				
APÍ	3002508278	Sample Number	l			
Unit/Section/ Township/Range	J / 25 / 26 S / 32 E	Field	EL MAR			
County	Lea	Formation	DEL			
State	NM	Depth				
Lat/Long	32.01136 / - 103.62579	Sample Source	UNKNOWN			
TDS (mg/L)	244815	Water Type				
Sample Date(MM/DD/YYYY)		Analysis Date(MM/DD/YYYY)				
Remarks/Description						
Cation Info (mg/l		Anion information (mg/L)				
Potassium (K)	[Sulfate (SO)	220			
Sodium (Na)	_	Chloride (CI)	153500			
Calcium (Ca)		Carbonate (CO ₃)				
Magnesium (Mg)		Bicarbonate (HCO ₃)	88			
Barium (Ba)		Hydroxide (OH)				
Mangariese (Mn)		Hydrogen Sullide (H₂S)				
Strontium (Sr)		Carbon Dioxide (CÖ₂)				
lron (Fe)		Oxygen (O)	_			

Data obtained from http://octance.nmt.edu

Item VIII:

Disposal will be into the Siluro-Devonian formations above the Montoya Formation. There is no known potable water within a 2-mile radius. Records from the New Mexico Office of the State Engineer on May 27, 2016 show no known water wells within a 2-mile radius of the proposed Mesquite SWD disposal well.



New Mexico Office of the State Engineer Wells with Well Log Information

No wells found.

Besin/County Search:

County: Eddy

UTMNAD83 Radius Search (in meters):

Eastino (X): 666330

Northing (Y): 3556940

Radius: 3200

The surface geology of the greater area, including the 2-mile radius as shown in Item V above, is Quaternary eolian Holocene underlain or upon the Permian Rustler Formation and evaporites. Based upon surface geology and available shallow data the depth to potential potable water (not hole depth), if present, is estimated to be less than 200'

Item IX:

Acid may be applied after completion. No other formation stimulation is currently planned.

Item X:

No new open-hole logs are required will meguine that

Item XI:

No water wells are reported in the 2-mile radius of the proposed SWD. Please note Item VIII discussion above.

Item XII:

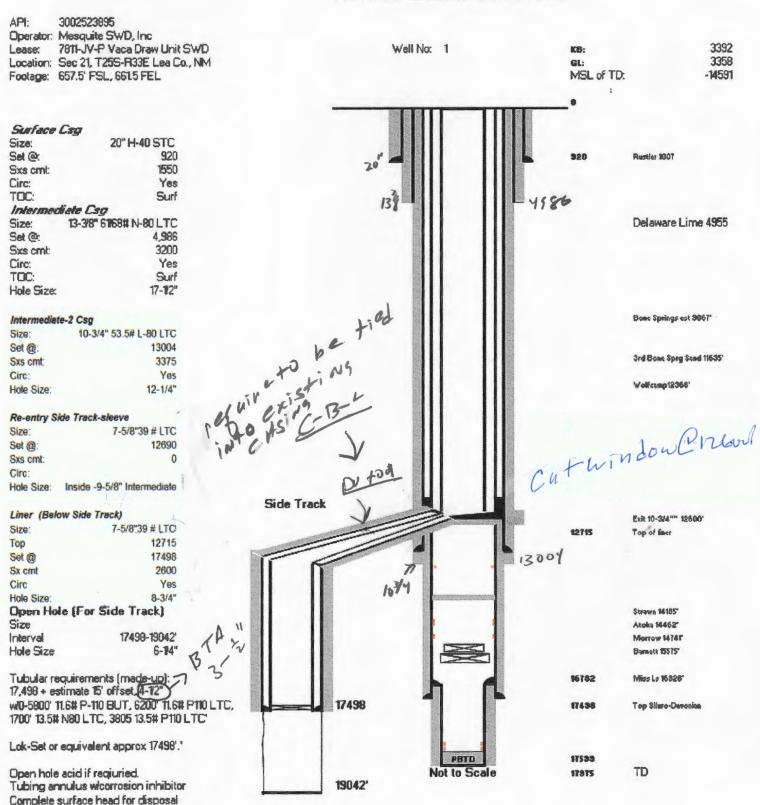
There is no geological evidence of open faults or hydrologic connection between the disposal zone and any possible underground sources of protectable water.

Addendum:

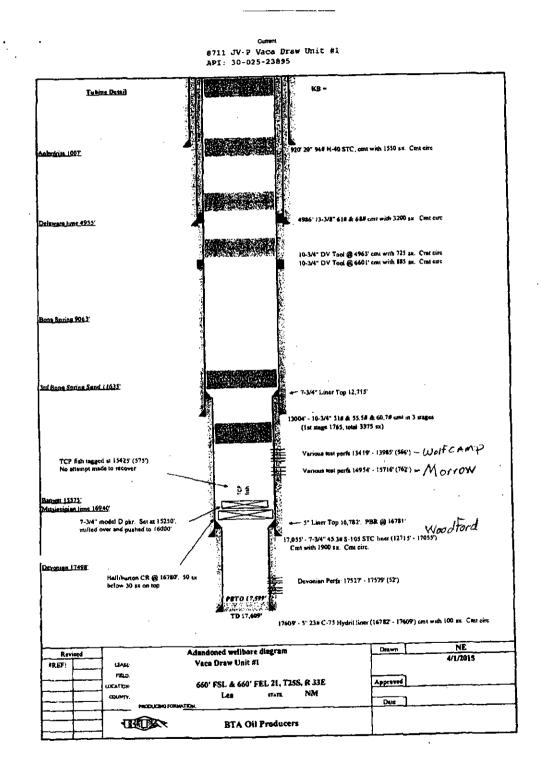
Proposed re-entry - Casing program

Drill-out P&A plugs 600-1000', 4800-4900', 6500-6600' and tag plug at 12600' inside 10¾" casing (that was cemented to surface in original drill). Kick-off with 95%" side-track hole through 10½" csg at 12600' for approximately 10-25', then vertical drill to 17498'. Run 75%" 39# LTC with appropriate DV location to insure cement from 17498' back to cover the kick-off point inside the 10½" csg. Drill out from casing with 6¼" bit for open-hole zone to TD 19042'.

PROPOSED RE-ENTRY WELL DIAGRAM



P&A 7811 J V-P Vaca Draw Unit #1 (Proposed re-entry well)





Delorme Xmap 6 16 miles west of Jal, NM

Item XIII: Proof of Notice

Minerals Owner:

Bureau of Land Management 620 E. Greene St. Carlsbad, NM 87220

Operators:

BTA Oil Producers, LLC 104 South Pecos Midland, TX 79701

Chevron USA 15 Smith Road Midland, TX 79702

Cimarex Energy Company 600 N. Marienfeld St, Ste 600 Midland, TX 79702

EOG Resources, Inc P.O. Box 2267 Midland, TX 79702

Surface:

Bureau of Land Management

Sec 27

Sec 28, 33

Sec 28

Item XIII: Legal Publication

Affidavit of Publication

STATE OF NEW MEXICO) ss. **COUNTY OF LEA**

Joyce Clemens being first duly sworn on oath deposes and says that she is Advertising Manager of THE LOVINGTON LEADER, a thrice a week newspaper of general paid circulation published in the Legal Notice English language at Lovington, Lea County, New Mexico; that said newspaper has been so published in such county continuously and uninterruptedly for a period in excess of Twenty-six (26) consecutive weeks next prior to the first publication of the notice hereto attached as hereinafter shown; and that said newspaper is in all things duly qualified to publish legal notices within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico.

That the notice which is hereto attached, entitled Legal Notice was published in a regular and entire issue of THE LOVINGTON LEADER and not supplement thereof, for one (1) day(s), beginning with the issue of October 18, 2016 and ending with the issue of October 18, 2016.

And that the cost of publishing said notice is the sum of \$ 28.38 which sum has been (Paid) as Court Costs.

Joyce Clentens, Advertising Manager Subscribed and sworn to before me this 18th day of October, 2016.

Hina tord Gina Fort

Notary Public, Lea County, New Mexico My Commission Expires June 30, 2018



Mesquite SWD, Inc., c/o Kay Hayenor, 904 Moore Ave. Roswell, NM 88201, (575), 626-4518, email: Kay@georesources.com, is seeking approval from the New Maylor Oil Conservation Division to re-enter and complete the Mesquite SWD, Inc. 7811 J V-P Vaca Draw Unit SWD No.1 well, API: 30-025-23895, located 657.5' FSL & 661.5' FEL, Sec. 21, T25S-R33E Lea County, NM, 16 miles NW of Jat, NM, for commercial produced water disposal. The proposed disposal interval is into the Siluro-Devonian formations through open-hole approximately17, 498' to 19.842 feet. Mesquite SWD, Inc. plans to dispose a maximum 40,000 BWPD at a maximum pressure of 3,500 psi. Parties with questions regarding this proposal are urged to contact Kay Havenor at the email address or phone number above. Interested parties must file objections or requests for hearing within 15 days to the New Mexico Oil Conservation Division, 1220 S. St. Francis Dr., Santa Fe, NM 87505. Mesquite SWD, Inc., c/o Kay Hayenor, 904 Moore Ave. Roswell, NM 88201 (575) S. St. Francis Dr., Santa Fe, NM 87505.

Published in the Lovington Leader October 18, 2016

Item XIII: Certified Mail Receipts

BTA Oil Producers, LLC



Expected Delivery Day: Thursday, October 20, 2016 -

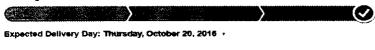
Product & Tracking Information Postal Product Certified Mad " First-Class Mail® Return Receipt See tracking for related item: 9590940214915329716062 DATE & TIME STATUS OF LITEM LOCATION Notice Left (No Authorized MIDLAND, TX 79701 October 20, 2016 , 8:38 am We attempted to deliver your item at 8:38 arm on October 20, 2016 in BBDLAND, 1X 79701 and a notice was left because an authorized recipient was not available Departed USPS Destination Facility October 20, 2016 , 1.44 em MICLAND, TX 79711 Arrived at USPS Destination Facility October 19, 2016 , 1:21 pm MIDLAND, TX 79711 October 19, 2016 , 12.35 am Departed USPS Facility EUBBOCK, TX 79402 LUBBOCK, TX 79402 October 18, 2016 , 11 00 pm Arrived at USPS Facility October 18, 2016 , 2 54 pm Departed Post Office ROSWELL, NM 88201



Cimarex Energy Company

October 19, 2016 , 10 26 am

Tracking Number: 70150920000176755953



Product & Tracking Information

Postal Product First-Class Mail®

DATE & TIME

October 18, 2016 , 10 26 am

Features: Cortfied Mail

STATUS OF HEM

Acceptance

Return Receipt

ROSWELL, NM 88201

See tracking for related Item: 9590940214915329427623

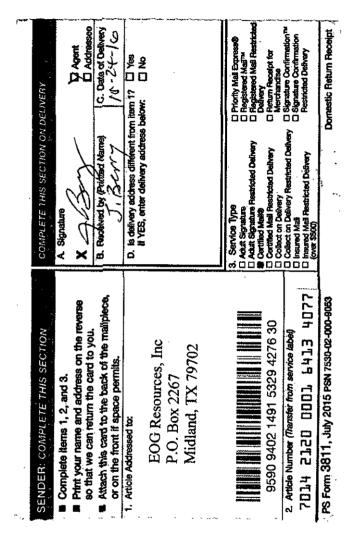
Delivered, Left with Individual per 20, 2018 , 10:14 am MIDLAND, TX 79701 ed to an aidradual at the address at 10.14 am on October 20, 2016 in NIDLAND, TX Departed USPS Destination MIDLAND, TX 79711 October 20, 2016 , 1:44 am MIDLAND, TX 79711 October 19, 2018 , 1 21 pm Departed USPS Facility LUBBOCK, TX 79402 October 19, 2016 ; 12:35 am October 18, 2016 , 11 00 pm Arrived at USPS Facility LUBBOCK, 1X 79402 October 18, 2016 , 2 54 pm Denasted Post Office ROSWELL, NM 88201



ROSWELL NM 88201

Item XIII: Certified Mail Receipts (Page. 2)

EOG





Item XIII: Certified Mail Receipts (Page 3)

Chevron USA

Cert Mail Oct 28, 2016 delivered by USPS Nov 10, 2016

DATE & TIME	STATUS OF ITEM	LOCATION
November 10, 2016 , 1:26 pm	Delivered, To Mail Room	MEDLAND, TX 79706
Your item has been delivered to the 79706.	e mail room at 1:26 pm on November	10, 2016 in MIDLAND, TX
November 9, 2016 , 12:13 pm	Out for Delivery	MIDLAND, TX 79701
November 9, 2016 , 12:03 pm	Sorting Complete	MIDLAND, TX 79701
November 9, 2016 , 10:27 am	Arrived at Unit	MIDLAND, TX 79701
November 9, 2016 . 1:29 am	Departed USPS Destination Facility	MIDLAND, TX 79711
November 8, 2016 . 6:49 pm	Arrived at USPS Destination Facility	MIDLAND, TX 79711
November 8, 2016 , 2:01 am	In Transit to Destination	
November 7, 2016 . 3:23 am	Departed USPS Facility	NORTH TEXAS PROCESSING AND DISTRIBUTION CENTER
November 6, 2016 . 2:01 pm	Arrived at USPS Facility	NORTH TEXAS PROCESSING AND DISTRIBUTION CENTER
October 22, 2016 , 11:02 am	Forwarded	MIDLAND, TX
October 21, 2016 , 3:26 pm	In Transit to Destination	
October 19, 2016 , 4:58 pm	Departed USPS Facility	MIDLAND, TX 79711
October 19, 2016 , 1:26 pm	Arrived at USPS Destination Facility	MIDLAND, TX 79711
October 19, 2016 , 12:35 am	Departed USPS Facility	LUBBOCK, TX 79402
October 18, 2016 , 11:00 pm	Arrived at USPS Facility	LUBBOCK, TX 79402
October 18, 2016 , 2:54 pm	Departed Post Office	ROSWELL, NM 88201
October 18, 2016 , 10:26 am	Acceptance	ROSWELL, NM 88201



Miss	Row	C-108	C-108 disposal application submittals CHECKLIST to ensure all items are supplied or considered.
	1		Operator, Well, and Contact info:
	2	II	Name of person submitting the application: Kay Havenor Other Contact?
	3	11	Did you Include a contact Email in the application? Yes and Mailing Address? Yes and Phone? Yes
	4_	II	Operator Name: Mesquite SWD, Inc OGRID Num 161968
	5		RULE 5.9 Compliance Number of Inactive Wells 2 vs Total Wells Operated 14 Is financial assurance required on any well? No Violation
	6		Is there any hearing order finding this operator out of compliance with Division Rule 19.15.5.9 NMAC? No
	7		Are all Rule 5.9 issues OK to allow the Division to issue Disposal Permits?
	8	III	Well Name: 7811 V-P Vaca Draw Unit SWD #1
	9		API Num: 30-025-23895 Spud Date:10/2/1971
	10		Have you included API numbers on all wellbore diagrams and well list(s) in this application? Yes
	11	!	Proposed wellFootages 660' FSL & 660' FEL Unit P Sec 21 Tsp 25S Rge 33E County Lea
	12		General Location (i.e. Y miles NW of Z): 16-miles W of Jal, NM
	13		Current Well Status: P&A
	14	. 1	General Summary of Planned Work to Well: Re-enter and side track in Wolfcamp, drill to base Siluro-Devonian (S-D). Complete S-D open hole for SWD.
	15		INTERVAL TOP and BOTTOM:
	16	IIIB.(2)	Proposed disposal 17498' - 19042' Formation Name Siluro-Devonian (include Member Names for Delaware or Mesaverde)
	17	IIIB.(2)	Proposed disposal Bottom Depth: 19,042' Formation Name: Siluro-Devonian
	18	IIIB.(2)	Is the disposal interval OpenHole? Yes or Perfed?
	19	IIIB.(2)	What will be the disposal tubing size OD? 4-1/2" Packer Seat, Feet: 17498'
	20	VII	What max surf inj. psi are you proposing? 3500

Miss	Row	C-108	C-108 disposal application submittals CHECKLIST to ensure all items are supplied or considere	d.
	21		FRESH WATERS:	
	22	VIII	Depth to bottom of Fresh Waters: less than 200' Formation Name(s)? Quaternary alluvium	
	23	ΧI	Any Fresh Water Wells Within 1 Mile? No If so, did you attach an analysis from these Wells?	
	24		Are all "Fresh" waters isolated with Casing and Cement? Yes ("Fresh" water is defined as less than 10,000 mg/l of TDS)	
	25	XII	Included "Affirmative Statement" concerning any Connection from Disposal Depths to existing Fresh Waters? Yes Item XII	
	26		WASTE WATERS:	
	27	XIV	Will this be a Lease Only disposal well? No or only used for the Operator's own waste needs? or Commercial Disposal? Yes	
	28	VII	Which formations will supply the waste waters to be disposed into this well List most common: Delaware/Bone Springs	
	29	VII	Are Waste waters compatible with proposed disposal interval waters? Yes Did you include waste water analysis? Yes, V11 P. 9	
	30		AT PROPOSED WELLINSITU WATERS AND HYDROCARBON POTENTIAL:	
	31		Is a discussion included of the potential for future OIL/GAS recovery from the proposed disposal interval? Yes	
	32	·	If your proposed well for disposal is a depleted producer (within the proposed interval); do you know what was the cumulative oil/gas/water? and did you include a Filme plot of this depleted interval?	tate-
	33	VII	Insitu water analysis Included? No — Is the salinity within the disposal interval more than 10,000 mg/l of TDS? — or how will you determine this insitu water salinity? Regional knowledge Siluro-Devonian.	
	34	VIII	Does the application include a list of Formation tops down to and including the bottom of the target formation? Yes, on Page 13	
	35		What is the top main salt 2795 and bottom 4710 of the Salado Salt (If this well is in the Southeast and the Salt is present)	
	36	Х	Are all existing Logs (including any CBL over the disposal interval) are on the OCD Web Site? Yes If logs not there, please send	
	37	IIIA.	Are the wellbore diagrams for this well included in the ApplicationBefore Conversion? Yesand After Conversion? Yes	
	38		Are the top and bottom footage of the proposed disposal interval marked on the "after" diagram? Yes	
	39		NOTICE:	
	40	XIV		

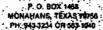
Miss	Row	C-108	C-108 disposal application submittals CHECKLIST to ensure all items are supplied or considered.
	41	v_	Within 1/2 mile, did you clearly identify (either on a map or by legal description) all separately owned tracts of lands within the disposal interval? _Yes
	42	XIII	Did you identify the owner(s) of each of these separately owned tracts? Yes, in Item XIII, P. 15 Were they all formally noticed? Yes
. 	43	XIII	If reentering a P&Aed well, are there depth divisions of ownership within that wellIf so, have you also noticed all the shallower interests of the intent to use the well for disposal? Yes
ļ	44	XIII	Is the proposed well within the R-111-P defined Potash Area or the BLM Secretaries Potash Area? No If so, did you send notice to the nearest Potash lessee?
	45	XIV	Who owns the surface lands at the disposal well site (BLM, SLO, or who)? BLM Was that party formally noticed? Yes
	46		Area of Review:
	47	V	Did you include a map identifying all wells within 2 miles? Yes
	48	VI	Did you include a list of all AOR wells? Yes, P. 7 Is the list available to be emailed (if requested) in spreadsheet format? Yes - Included in Item VI list
	50	VI	Did you include wellbore diagrams for all P&Aed wells that exist within the 1/2 mile AOR that penetrate the disposal interval? None present
	51	_VI	How many wells exist within the 1/2 mile AOR that penetrate the disposal interval? 1 How many of these are Plugged/Dry and Abandoned? 1 (the re-entry well)
	52	VI	Are details included on cement coverage of the proposed disposal interval for all wells penetrating the disposal interval within 1/2 mile of the proposed well? N/A
	53	VI	Do all reported cement tops describe how that "top" was determined? N/A If you calculated any tops, what fillup efficiency factor did you use?
	54	VI	Did you identify the presence and depth of all Cement Stage Tools (DV) in the subject well and in the AOR wells? When available
	55	VIII	For the target formation, is there significant formation structural depth changes within the 1/2 mile AOR? No
	56	VIII	Is there any Karst or Massive Limestone in this target formation? Noor in the formations directly above or below? No
	57		Administrative or Hearing:
	58	VI	How many wells within the 1/2 mile AOR currently are producing (or still have open perforations) within the disposal interval? 0 is it "gas" or "oil"?
	59		NOTE: If the proposed disposal interval is a "Gas" interval or if any AOR wells are producing or have open perforations within this interval then this application may not be properly classified as a "disposal". These types of applications must be processed at an examiner hearing.
	60		Any other Issues? No



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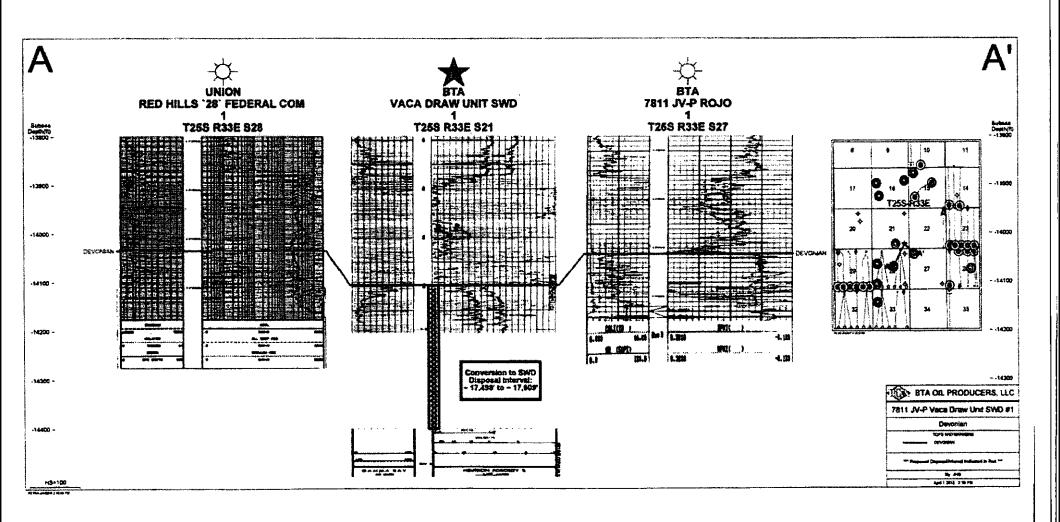
	Martin Water Labora	atoriae Inc	70	
P. O. BOX 1468	Martin Water Capora	atories, inc.	3.0	
A CONTRACTOR OF THE PARK A				PHONE OF
	RESULT OF WATER	RANALYSES	40053	or Market
		LABORATORY NO	49057	
o. Mr. Tom Williams		SAMPLE RECEIVED	4-6-90	
104 South Pecos, Midland, Tex	<u>as</u>	RESULTS REPORTE	<u> 4-11-90 </u>	`
		n de la companya de		
COMPANYBTA Oil Producers	LEASE	<u>Rojo</u>		
FIELD OR POOL	Red Hills		3736	•
SECTION BLOCK SURVEY	GOUNTY	<u>Lea</u> s	TATE NM	 -
SOURCE OF SAMPLE AND DATE TAKEN.				•
so Produced water - taken	from Rojo #1. 4-	-5-90	<u> </u>	
NO., 2		<u> </u>	·	
NO. 3		Carlot and A		277 ·
NO. 4.	Novamila			· · · · ·
REMARKS:		n van en en en en		
CHE	MICAL AND PHYSICAL	PROPERTIES	4	
	NO. 1	NO. 2	NO: .3.	, NC
Specific Gravity at 60° F.	T:0849	7	77.	
pH When Sampled	1		, 1 m	
pH When Received	6.38		1. 1. 1. 1.	
Bicarponate as HCO3	264			:
Supersaturation às CaCO3	· · · · · · · · · · · · · · · · · · ·		e de la companya de l	•
Undersaturation as CaCO3	Contract y	a transfer of the second		
Total Hardness as CaCO3	18,800			
Calcium ad Ca	6,640			
Magnesium as Mg	535		20.00	
Sodium and/of Potassium	139,583			
Sulfate as 504	472			
Chlorida as CI	73.860			*****
Ironas Fe	. 0.14			
Barlum as Ba				3 12
Turbidity, Electric			1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	
				
Total Solids, Calculated	121,353			
Temperature *F'.	Na Santa.		• • • •	
Carbon Dioxide, Calculated	. 1864 A.M. 18	er en er frank a	1. 1. 1.	9,7
Dissolved Oxygen,	1, 1 1 1 1		<u> </u>	
Hydrogen Sutfide	27.0			• • •
Réalistivity, ohms/m'at yj* F.	0.082	2	1. 1. 1. 4. 3. 1.	. i
Suspended Oil		•		51.7
Filtrable Solids as mg/	a sala sera a sala a	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	~ 1 2 2 2 2 2 2 2	
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Varums P1 Hereo, (p)	1 2 1			
Volume Pitteres, (p)			 	
			· · · ·	
	Results Reported As Millieri	ams. Per Licer		
	Results Reported As Millign		ome 10 and 1	5 mile
Addictonal Determinations And Remarks Our	area records of	Devonian are s	ome 10 and 1	mile
Additional Determinations And Remarks Our the north of this field. In	area records of comparing with the	Devonian are s hose records, w	e note that,	chis w
Additional Determinations And Remarks Our the north of this field. In has decidedly similar ratios	area records of comparing with th of salts but a h	Devonian are s hose records, w igher level of	e note that; the salts th	this w an the
Additional Determinations And Remarks Out the north of this field. In has decidedly similar ratios records to the north. This g	area records of comparing with the of salts but a hi ives strong impli	Devonian are s hose records, w igher level of ication of the	e note that, the salts th probability	this w an the that t
Additional Determinations And Remarks Our the north of this field. In	area records of comparing with the of salts but a hives strong imple evonian interval	Devonian are s hose records, w igher level of ication of the	e note that, the salts th probability	this wan the

By Way Pan C. Martin, M.A.

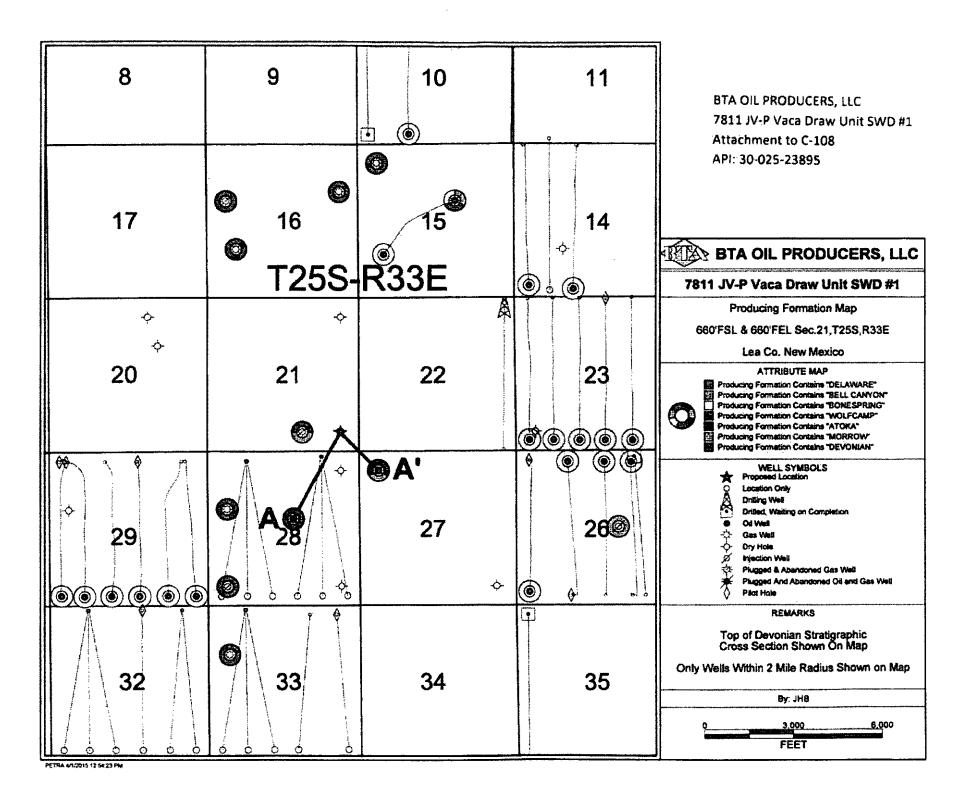




	P. O. BOX 1488 Mar	nin Water Labor	atories, Inc.		209 W. INDIANA
1 14 G	MONAHANS, TEXAS, 19756:				MIDLAND TEXAS 79701
		EBURT OF WATER	ANALYSES LABORATORY NO.	89713	
	To: Mr. Tom Williams		SAMPLE RECEIVED	8-5-97	
10 A	104 South Pecos, Midland, TX 797	01-5099	RESULTS REPORTE	<u>5 8−6+97.</u>	
	COMPANY BTA Oil Producers		ASE Mesa #1	8105	
	FIRED OR POOL SURVEYE 26S&R	32Ecounty_1	A. a.	TE NM	
	SOURCE OF SAMPLE AND DATE TAKEN	1. 1. 1. 1. 1.	ea. SI/	TE NET	
	No i Produced water - taken from	Mesa (1)		An.	
	NO 2			.,	
	NO.3				
	REMARKS	Wolfcamp			
Sept. 3.		ICAL AND PHYSICA	L PROPERTIES-	a salah	min time the second state of
	Specific Gravity at 60° F.	1 01 56	NO. 2	NO. 3	NO.4
	pir When Sampled	120136			
	pit When Received	7,28			
1 ye. 0	Supersaturation bs CsCO,	390			
	Undergaturation as CaCO,			X 14	
	Total Hardness as CaCO, Galchyn as Ca	720			
	Magheelum as Mg	34			74.7
	Sodium andige Potassium	7,483			
	Surfate as SO. Chigride as CI	11.786		732	
	tron es Fe	371			7
3 .	: Sarium as Ba Turbidity, Electric	0.			S
	Color as Pt.	12.00			
	Total Solide, Calculated	19.974			
	Carbon Diaxide, Calculated				
	Dissolved Oxygen. Hydrogen Suifide				
	Hydfogen Suffice Resistivity, chingsin de 777 E	11.0		9 & Section 19 19 19 19 19 19 19 19 19 19 19 19 19	
	Suspended Oil Filtrable Solids are mgf.		N		2
	Volume Fillered, mi				3 3 3 5
					3.44
		south Reported As Militiga			Control of the second
	Additional Determinations And Remarks In comparing 5 miles to the northeast; we find				records some
	to what would be expected from a	natual Wolfe	mp. However	the levels	of the salts
	are approximately one-third those therefore strongly indicating a s				Wolfcamp.
	be some slight amount of Wolfcamp			nce exists:	into there can
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
				1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	



BTA OIL PRODUCERS, LLC 7811 JV-P Vaca Draw Unit SWD #1 Attachment to C-108 API: 30-025-23895



C-108 Pavio	w Chacklist:	3/14/246	12	12016	• Anna de la companya	
ORDER TYPE: W	FX / PMX / SWD N	umber: 1571A Order	r Date:	Reply Date: Legacy Permit	Suspended: (Ver 15)	
C-108 Review Checklist: Received 5/14/24 6 Add. Request: 5/12/24 6 Reply Date: Suspended: [Ver 15] ORDER TYPE: WFX / PMX / SWD Number: Legacy Permits/Orders:						
API: 30-0 25-2389	Spud Da	(ie: -5 7 84)	New or Old:	(UIC Class II	Primacy 03/07/1982)	
Foolages 660 FEL	Footages 660 FEL Lot or Unit P Sec 1 Tsp 28 Age 33 E County LEC					
General Location: 320 mg	11+5 4/	Pool:_	sun'	Devonian	Pool No.: 96/04	
BLM 100K Map:	Operator:	10 a Bucins H	OGRID <u>ئار</u>	260 27 Conta	ct: M- Conn 411	
COMPLIANCE RULE 5.9: Toyal We	ills: 154_ Inacti	ve: 4_ Fincl Assur:_			5.9 OK? y Date: 5-23 246	
WELL FILE REVIEWED (V) Curren	t Status: 4	<i>i</i> /				
WELL DIAGRAMS: NEW: Propose			Conv. 🕒 L	.ogs in Imaging:	Y	
Planned Rehab Work to Well:	_	Lnewd	ı	12000-1	7798	
		Setting		Cement	Cement Top and Determination Method	
Well Construction Details Planned _or Existing _Surface		Depths (ft)	Stage Tool	Sx or Cf		
Planned_or ExistingInterm/Prod		4586	31294 100x	1530:	Supportuise	
Planned_or Existing _Interm/Proc		1767		رمصري مريخ کيم	Surfice/Visaal	
Planned_or Existing _ Proc Line		200		75100	DUTTE CO 101394	
Planned_or Existing _ Line	1			-6.20	12850/34//	
			in Length			
Planned_or Existing _(O) / PERF	17148 / 16	MZ	1344	'	Completion/Operation Details:	
Injection Lithostratioraphic Units:	Depths (ft)	Injection or Contining	Tops	Drilled TD 1760	9 PBTD 17579	
Adjacent Unit: Litho. Struc. Por.	Service Control	Units in ev	1781	NEW TO 49012	NEW PBTD / 10 Y	
Confining Unit: Litho. Struc. Por.		عا بيد			or NEW Peris	
Proposed inj interval TOP:					in. Inter Coated?	
Proposed Inj Interval BOTTOM:		•		Proposed Packer De		
	Confining Unit: Litho. Struc. Por. Min. Packer Depth 17.318 (100-It limit)					
Adjacent Unit: Litho. Struc. Por. Proposed Max. Surface Press. 3 90 psi						
AOR: Hydrologic and Geologic Information Admin. Inj. Press 350 (0.2 psi per ft)						
POTASH: R-111-P_MPNoticed?BLM Sec Ord \(\Quad \text{WIPP} \) Noticed? Salt/Salado T:B: NW: Cliff House Im						
FRESH WATER: Aquifer Gy Atennes Max Depth 110 HYDRO AFFIRM STATEMENT By Qualified Person @						
NMOSE Basin: Charles GAPITAN REEF thru adj NA No. Wells within 1-Mile Radius? D FW Analysis						
Disposal Fluid: Formation Source(s) Sun LSpn: N, Delaway						
, , , , , , , , , , , , , , , , , , ,						
Disposal Int: Inject Rate (Avg/Max BWPD): 21425 Protectable Waters? Source: System: Closed or Open HC Potential: Producing Interval? Me Formerty Producing? Method: Logs Fire & Avoither 1454 2: Mile Radius Pgot Map ()						
AOR Wells: 1/2-M Radius Map? Well List? Total No. Wells Penetrating Interval: Horizontals?						
Penetrating Wells: No. Active Wells						
Penetrating Wells: No. P&A Wells Num Repairs? on which well(s)? Diagrams?						
NOTICE: Newspaper Date Mitches, vol Mineral Owner BLM Surface Owner BLM N. Date MAYN 2014						
100 tto Ettleriopape, Dailo E State	Mineral Mineral	Owner	_ Sunace O	wner	14. 00/0 - 411	
RULE 26.7(A): Identified Tracts?				merth	N. Date MAY22016	
1				merey.	· A 11-	

McMillan, Michael, EMNRD

From:

Kayla McConnell < KMcConnell@btaoil.com>

Sent:

Monday, May 23, 2016 3:36 PM McMillan, Michael, EMNRD

To: Subject:

RE: UIC Question/Vaca Draw Unit SWD Well No. 1

Michael,

Thank you, I talked to our Drilling Manager, he agreed to the DV tool stipulation and we plan to run a CBL to the referenced depth.

Thank you,

Kayla McConnell

From: McMillan, Michael, EMNRD [mailto:Michael.McMillan@state.nm.us]

Sent: Monday, May 23, 2016 9:25 AM

To: Kayla McConnell < KMcConnell@btaoil.com>

Subject: RE: UIC Question/Vaca Draw Unit SWD Well No. 1

Kayla:

I spoke with Will Jones, and he recommended approval of the Vaca Draw SWD Well No. 1 with the stipulation that BTA run a DV tool at the base of the Wolfcamp formation.

I will also require a CBL through the liner to 12000 feet.

Call me with questions or concersn

Mike

From: Kayla McConnell [mailto:KMcConnell@btaoil.com]

Sent: Thursday, May 05, 2016 12:08 PM

To: McMillan, Michael, EMNRD Subject: FW: UIC Question

From: McMillan, Michael, EMNRD [mailto:Michael.McMillan@state.nm.us]

Sent: Friday, March 18, 2016 11:50 AM

To: Kayla McConnell < KMcConnell@btaoil.com>

Cc: Goetze, Phillip, EMNRD < Phillip.Goetze@state.nm.us>; Jones, William V, EMNRD < William V.Jones@state.nm.us>;

Lowe, Leonard, EMNRD < Leonard.Lowe@state.nm.us>

Subject: RE: UIC Question

It would be considered a major modification, and you would have to submit a new application.

Thank You

1/14/2010	والمعالم (Ver 15) quest: Reply Date: Suspended: [Ver 15]				
C-108 Review Checklist: Received // Add. Rec	quest: Reply Date: Suspended: [Ver 15]				
ORDER TYPE: WFX / PMX / SWD Number: Order					
Well No. 2 Well Name(s): 78-11- JUP UA	er Dron Swo				
Well No. 2 Well Name(s): 78-11- Jup VAC - Dron Saco 10/2/1571 API: 30-0 25-23855 Spud Date: 736 New or Old: 4 (UIC Class II Primacy 03/07/1982)					
Footages 660 F = 6 Lot or Unit P Sec 2	1 Tsp 255 Rge 335 County Lee				
Footages 660 FTC Lot or Unit P Sec 2 General Location: 720 Mile Sul JII Pool: BLM 100K Map: 74L Operator: Sul, 7nc	SILYNICH POOLNO: 47861				
BLM 100K Map: JAL Operator: Sun, Fig.	OGRID: 16196 V Contact: HAVENUM ascar				
COMPLIANCE RULE 5.9: Total Wells: Fincl Assur:					
WELL FILE REVIEWED & Current Status:					
	~				
WELL DIAGRAMS: NEW: Proposed () or RE-ENTER: Before Conv. () After	Conv. Conv. Logs in Imaging:				
Planned Rehab Work to Well: 14 1 125	-U-1745K				
Well Construction Details Sizes (in) Borehole / Pipe Depths (ft)	Cement Sx or Cf Cement Top and Determination Method				
Planned _or Existing _Surface 24/20 42	Stage Tool 1550 Suffer				
Planned_or ExistingInterm/Prod //\\ / \\ \ \ \ \ \ \ \ \ \ \ \ \	320 Surface				
Planned_or Existing _Interm/Prod 12 /4/10/14 17-640	3375 Surfan				
Planned_or ExistingProd/Liner \(\frac{3/4/-50}{17440}	Why Suffeel -				
Planned_or Existing _ Liner	34/1-4				
\(\text{\tint{\text{\tint{\text{\tin}\text{\text{\text{\text{\text{\text{\text{\text{\text{\ti}\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tin}\tint{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tinit}\\ \tint{\text{\text{\tinit}}\\ \text{\text{\text{\text{\ti}\text{\text{\text{\text{\text{\text{\text{\tinit}\\ \tint{\text{\text{\text{\text{\text{\text{\text{\text{\text{\ti}\}\tint{\ti}\text{\text{\text{\texitilex{\text{\text{\text{\text{\texit{\ti}\tint{\text{\text{\tinit}\tint{\text{\texi}\tint{\text{\tii}}\tint{\text{\text{\text{\tinit}\tint{\text{\tinit}\tinithtet	In Length Constant Details				
Planned_or Existing _On PERF 7 448/148/2	Completion/Operation Details:				
Injection Lithostratigraphic Units: Depths (ft) Injection or Confining Units	Tops Drilled TD / 7/2 PBTD				
Adjacent Unit: Litho. Struc. Por.	17) SU NEW TD 1504 2-NEW PBTD				
Confining Unit: Litho. Struc. Por.	1727 NEW Open Hole or NEW Perfs				
Proposed inj Interval TOP:	Tubing Size 42 in. Inter Coated?				
Proposed Inj Interval BOTTOM:	Proposed Packer Depthft				
Confining Unit: Litho. Struc. Por.	Min. Packer Depth(100-ft limit)				
Adjacent Unit: Litho. Struc. Por.	Proposed Max. Surface Press. 370 psi				
AOR: Hydrologic and Geologic Information Admin. Inj. Press. 3 (0.2 psi per ft)					
POTASH: R-111-PBLM Sec Ord O WIPP Noticed? Salt/Salado T:B: NW: Cliff House fm					
FRESH WATER: Aquifer Qualified Person Max Depth // HYDRO AFFIRM STATEMENT By Qualified Person					
NMOSE Basin: At Some CAPITAN BEEF: thru adj NA No. Wells within 1-Mile Radius? FW Analysis					
Disposal Fluid: Formation Source(s) Wifth Analysis? On Lease Operator Only Or Commercial					
Disposal Int: Inject Rate (Avg/Max BWPD): 304 U04 Protectable Waters? Source: System: Closed or Open					
HC Potential: Producing Interval?Formerly Producing?Method: Logs/DST/P&A/Other					
AOR Wells: 1/2-M Radius Map? Well List? Total No. Wells Penetrating Interval: Horizontals?					
Penetrating Wells: No. Active Wells Num Repairs?on which well(s)? Diagrams?					
Penetrating Wells: No. P&A Wells 1 Num Repairs?on which well(s)? Y ApplicAtion Diagrams?					
NOTICE: Newspaper Date 10 1 / wi Mineral Owner Blm Surface Owner Blm N. Date					
RULE 26.7(A): Identified Tracts?Affected Persons: EOL, Liminey, EOGN. Date 10-18					
Order Conditions: Issues: Cut window C	212600				