3/26/2014

Swp

PMAM 140853

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

	or Type Name	Cianotura	Title	Date
Sta	n Wagner	Sten U	Regulatory Ar	nalyst 03/18/14
	Note:	Statement must be complete	d by an individual with managerial and/or supe	ervisory capacity.
	val is <mark>accurate</mark> a	nd complete to the best of	at the information submitted with this ap f my knowledge. I also understand that a stifications are submitted to the Division.	no action will be taken on this
[3]		CURATE AND COMPLATION INDICATED AB	ETE INFORMATION REQUIRED 'BOVE.	TO PROCESS THE TYPE
	[F]	☐ Waivers are Attach	ned	
	[E]	For all of the above	e, Proof of Notification or Publication is	Attached, and/or,
	[D]	Notification and/or U.S. Bureau of Land Manager	Concurrent Approval by BLM or SLO ment - Commissioner of Public Lands, State Land Office	
	[C]	Application is One	Which Requires Published Legal Notice	e 96/00
	[B]	Offset Operators, L	easeholders or Surface Owner	<u>Pool</u>
[2]	NOTIFICAT: [A]	_	Check Those Which Apply, or □ Does Nor Overriding Royalty Interest Owners	- DNAgon 36 States and #11 30-025-41615 Pool - Sud Delaware 96/00
	[D]	Other: Specify		- DAAGOOD
	[C]		essure Increase - Enhanced Oil Recover	PPR
	Check [B]	One Only for [B] or [C] Commingling - Storage DHC CTB		OLM
[1]	TYPE OF AP [A]		nose Which Apply for [A] - Simultaneous Dedication SD	
	[EOR-Qual	ified Enhanced Oil Recov	very Certification] [PPR-Positive Pro	duction Response] 7377
	[PC-Po	ol Commingling] [OLS [WFX-Waterflood Expans	- Off-Lease Storage] [OLM-Off-Lease	
Applic	ation Acronyms [NSL-Non-Star	dard Location] [NSP-No	n-Standard Proration Unit] [SD-Simult	
11	115 CHECKLIST IS MA		RATIVE APPLICATIONS FOR EXCEPTIONS TO DIVI OCESSING AT THE DIVISION LEVEL IN SANTA FE	

e-mail Address

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL
1220 South St. Francis Dr.
State For New Mexico 87505 RESOURCES DEPARTMENT

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 Storage Application qualifies for administrative approval? X Yes No									
II.	OPERATOR: EOG Resources, Inc.									
	ADDRESS: P.O. Box 2267 Midland, TX 79702									
	CONTACT PARTY: Stan Wagner PHONE: 432-686-3689									
III.	WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.									
IV.	Is this an expansion of an existing project? Yes X No If yes, give the Division order number authorizing the project:									
V.	Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.									
VI.	Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.									
VII.	Attach data on the proposed operation, including:									
	 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 than reinjected produced water; and, If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.). 									
*VIII.	Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.									
IX.	Describe the proposed stimulation program, if any.									
*X.	Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).									
*X1.	Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.									
XII.	Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.									
XIII.	Applicants must complete the "Proof of Notice" section on the reverse side of this form.									
XIV.	Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.									
	NAME: Stan Wagner TITLE: Regulatory Analyst									
	SIGNATURE:									

If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: Item X: type log previously submitted for SWD Order-1359

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

No change in inject

APPLICATION FOR AUTHORIZATION TO INJECT

I.	PURPOSE: Secondary Recovery Pressure Maintenance X Disposal Storage Application qualifies for administrative approval? X Yes No
11.	OPERATOR: EOG Resources, Inc.
	ADDRESS: P.O. Box 2267 Midland, TX 79702
	CONTACT PARTY: Stan Wagner PHONE: 432-686-3689
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.
IV.	Is this an expansion of an existing project? Yes X No If yes, give the Division order number authorizing the project:
V.	Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
VI.	Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
VII.	Attach data on the proposed operation, including:
	 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 than reinjected produced water; and, If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
*VHI.	Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.
ŧX.	Describe the proposed stimulation program, if any.
*X.	Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
*XI.	Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
XII.	Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
XIII.	Applicants must complete the "Proof of Notice" section on the reverse side of this form.
XIV.	Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
	NAME: Stan Wagner
	SIGNATURE:
*	E-MAIL ADDRESS: Stan Wagner & Copresources. Com. If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: Item X: type log previously submitted for SWD Order-1359

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

APPLICATION FOR AUTHORIZATION TO INJECT DRAGON 36 STATE SWD NO. 11

VII. PROPOSED OPERATION

- (1) Proposed Average Daily Rate and Volume: 5200 BWIPD Proposed Maximum Daily Rate and Volume: 10000 BWIPD
- (2) Open or Closed System: Closed
- (3) Proposed Average Injection Surface Pressure: 1000 psi Proposed Maximum Injection Surface Pressure: 2600 psi Delaware formation BHP ~5000 psi



- (4) Produced Bone Spring Formation Water (see attached analysis)
- (5) N/A

VIII. GEOLOGIC DATA ON INJECTION ZONE

Injection Zone: Delaware Sandstone Perfs 5200' – 7800'

Lithologic Detail: Fine grain sandstone

Geological Name: Delaware Mountain Group (Guadalupian)

Thickness: Delaware – 3730' Depth: Top of Delaware at 3200'

Underground Sources of Drinking Water:

Fresh water sources in the immediate area have been encountered in aquifers above 250'. These aquifers are found in the Pliocene age Ogallala and Pleistocene age alluvial sediments and consist for the most part of alternating calcareous silt, fine sand and clay. There are no other sources of fresh water underlying the injection interval.

IX. PROPOSED STIMULATION

72 bbls Acetic Acid across perforations

X. LOGGING AND TESTING DATA ON INJECTION WELL

Logs have been previously submitted for this well.

XI. CHEMICAL ANALYSIS OF WATER FROM FRESH WATER WELLS, WITHIN ONE MILE OF THE INJECTION WELL

> A review of the State Engineer data base finds eight freshwater well permits within a one mile radius of the injection well.

boreholes/all However, a physical search of the area revealed no freshwater wells within the one mile radius.

XII. Available geologic and engineering data has been examined and no evidence has been found of open faults or any other hydrologic connection between the injection zone and any underground source of drinking water.

XIII. See attached "Proof of Notice".

Surface Owner:

State of New Mexico Land Office 310 Old Santa Fe Trail Santa Fe, NM 87504

Operators within a ½ mile radius of the proposed injector: EOG Resources, Inc.
P.O. Box 2267
Midland, TX 79702

Side 1 OPERATOR: EOG	Resources, Inc.	INJECTION WELL DATAS		05/13/2 Chancys	oit L
	MBER: Dragon 36 State S				
	720' FNL & 1760' FWL FOOTAGE LOCATION	C UNIT LETTER	36 SECTION	24S TOWNSHIP	33E RANGE
WELL	BORE SCHEMATIC	ONII DEITER		INSTRUCTION DATA	
Bit Size: 12-1/4" 5/8", 40#, J-55, STC 0' - 1,230'			12-1/4		
0/6°, 40#, J-55, 51C 0° - 1,230°			700 C sx.		-
			Intermediat	e Casing	
		Hole Size:		Casing Size: Non	e
	DV Tool w/ ECP @ ~5,100'		sx.		
	3-1/2" Tubing & Injection Packer @ ~5,200'	Top or Cement:	Production		
	# #	Hole Size:	8-3/4		
	injection interval ~5,200		900 C, 400 H sx.		
	! !	Total Depth:	7800	Method Determined:	
	11		Injection I		
Bit Size: 8-3/4"	II		5200 feet	_{to} 7800	
7" 26# HCL-50 LTC 0' - 7,800'	11		(Perforated or Open Ho	ole; indicate which)	

PTD ~7.800'

INJECTION WELL DATA SHEET

Tul	oing Size: _	3-1/2"	Lining Material:	Plastic Coated
Ту	pe of Packer:	5-1/2" Plastic Co	ated / Nickel Plated In	
Pac	cker Setting	Depth: +/- 5200'		
Otl	her Type of	Tubing/Casing Seal (if	applicable):	
			Additional Data	
1.	Is this a n	ew well drilled for injec	tion? X	/esNo
	If no, for	what purpose was the w	rell originally drilled?	
2.	Name of t	he Injection Formation:	Delaware	
3.	Name of I	Field or Pool (if applicat	ble): SWD; Delaware	
4.	Has the w	ell ever been perforated	in any other zone(s)? List a	all such perforated (s) used.
5.		name and depths of any zone in this area:	oil or gas zones underlying o	or overlying the proposed
	Bone	Spring	9254'	
	3rd Bo	one Spring Sand	11908'	

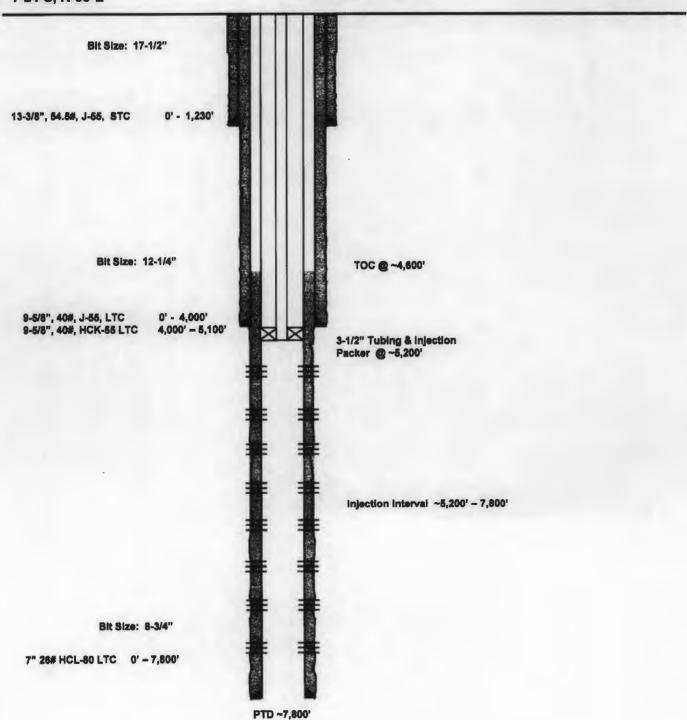
Dragon 36 State SWD #11 Lea County, New Mexico

720' FNL 1760' FWL Section 36 T-24-S, R-33-E

Proposed Wellbore

API: 30-025-41615

KB: 3551' GL: 3521'



Dragon 36 State SWD #11 Lea County, New Mexico Revised Proposed Wellbore

720' FNL 1760' FWL Section 36 T-24-S, R-33-E

API: 30-025-41615

KB: 3551' GL: 3521'

Bit Size: 12-1/4"

9-5/8", 40#, J-55, STC

0' - 1,230'

DV Tool w/ ECP @ ~6,100'

3-1/2" Tubing & Injection Packer @ ~5,200'

Injection Interval ~5,200' - 7,800'

7" 26# HCL-80 LTC 0' - 7,800'

Bit Size: 8-3/4"

PTD ~7,800'

EOG Resources, Inc. proposes to drill this well utilizing 2 hole sections.

- 1. Drill 12-1/4" hole size to 1,230', using FW Mud.
- 2. Run and cement 9-5/8" 40# J-55 STC casing and cement to surface.
- Drill 8-3/4" hole to TD @ 7,800', using @I Base Mud.
 Run 7" 26# HCL-80 LTC casing w/ DV Tool w/ ECP @ 5,100'
- 5. Cement via 2 Stage to surface.

No other changes to the approved APD are necessary.

Anticipated Spud date is 6/20/14.

Revised Permit Information:

Well Name: Dragon 36 State SWD No. 11

Location:

SL: 720' FNL & 1,760' FWL, Section 36, T-24-S, R-33-E, Lea Co., N.M.

Casing Program:

Hole Size	Interval	Csg OD	Weight	Grade	Conn	DF _{min} Collapse	DF _{min} Burst	DF _{min} Tension
12.25"	0 – 1,230'	9.625"	40#	J55	STC	1.125	1.25	1.60
8.750"	0'-7,800'	7"	26#	HCL80	LTC	1.125	1.25	1.60

Cement Program:

Depth	No. Sacks	Wt.	Yld Ft ³ /ft	Slurry Description
1,230'	500	13.5	1.73	Lead: Class C + 4.0% Bentonite + 0.6% CD-32 + 0.5% CaCl ₂ + 0.25 lb/sk Cello-Flake (TOC @ surface)
	200	14.8	1.34	Tail: Class C + 0.005 pps Static Free + 2% CaCl ₂ + 0.25 pps CelloFlake + 0.005 gps FP-6L
5,100' DV Tool	800	12.7	2.22	Stage 2 Lead: Class C + 2% SMS + 0.8% R-3 + 0.25 pps CelloFlake + 0.005 pps Static Free (TOC @ surface)
w/ ECP	100	14.8	1.32	Stage 2 Tail: Class 'C' + 0.25 lb/sk Cello Flake + 0.005 lb/sk Static Free
7,800	200	11.8	2.380	Stage 1 Lead: 50:50:10 Class 'H' + 0.80% FL-52A + 0.50% ASA-301 + 1.30% SMS + 2.00% Salt (2.224 lb/sk) + 0.70% R-21 + 3.00 lb/sk LCM-1 + 0.25 lb/sk Cello Flake
	200	14.2	1.277	Stage 1 Tail: 50:50:2 Class 'H' + 0.65% FL-52 + 0.20% CD-32 + 0.15% SMS + 2.00% Salt (0.962 lb/sk) + 0.05% R-3

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 – 1,230'	Fresh - Gel	8.6-8.8	28-34	N/c
1,230' - 7,800'	DOBM	8.5-9.0	28-34	10



New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(R=POD has been replaced and no longer serves this file

and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)

C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

	(acre it pe	si ailiiuiii)		C=the file is closed)	(quarters are smallest to largest)	(NADOS O IM IN Meters)
WR File Nbr	Sub basin Use Diver		County POD Number	Code Grant	q q q Source 6416 4 Sec Tws Rng	
ALL LIE IADI		atomicalism with the A	County POD Number	Code Grant	Source of to 4 Sec 1 ws Kily	X Y Distance
C 03601	GEO	0 INTERCONTINENTAL POTASH CORP	LE <u>C 03601 POD4</u>)	Shallow 3 3 3 24 24S 33E	638161 3561375 🍑 539
C 03603	GEO	0 INTERCONTINENTAL POTASH CORP	LE <u>C 03603 POD1</u>		Shallow 3 2 2 35 24S 33E	637804 3561225 🔷 885
C 03600	GEO	0 INTERCONTINENTAL POTASH CORP	LE <u>C 03600 POD2</u>	Augur BH's	Shallow 4 4 1 25 24S 33E	638824 3562329 😜 1074
C 03602	GEO	0 INTERCONTINENTAL POTASH CORP	LE <u>C 03602 POD2</u>	rog. Tus	Shallow 4 4 1 25 24S 33E	638824 3562329 🌑 1074
C 03600	GEO	0 INTERCONTINENTAL POTASH CORP	LE <u>C 03600 POD5</u>	\	Shallow 3 2 4 26 24S 33E	637857 3562020 🗳 1125
C 03603	GEO	0 INTERCONTINENTAL POTASH CORP	LE <u>C 03603 POD4</u>		Shallow 3 2 4 35 24S 33E	637789 3560461 📦 1205
			LE <u>C 03603 POD2</u>	/	Shallow 3 1 2 35 24S 33E	637384 3561167 📦 1308
C 03600	GEO	0 INTERCONTINENTAL POTASH CORP	LE <u>C 03600 POD3</u>	/	Shallow 3 4 2 26 24S 33E	637784 3562340 🔊 1406
			LE <u>C 03600 POD6</u>		Shallow 3 1 4 26 24S 33E	637382 3562026 📦 1513

Record Count: 9

POD Search:

POD Basin: Carisbad

UTMNAD83 Radius Search (in meters):

(acre ft oer annum)

Easting (X): 638689.33

Northing (Y): 3561263.19

Radius: 1609

Sorted by: Distance

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, or suitability for any particular purpose of the data.

6/5/14 9:06 AM

Page 1 of 1

ACTIVE & INACTIVE POINTS OF DIVERSION



New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW#### in the POD suffix indicates the POD has been replaced & no longer serves a

water right file.)

(R=POD has been replaced,

O=orphaned. C=the file is

closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

			POD Sub-		o	Q	O		¥ 4				Denth I	Depth V	Vater
	POD Number	C	ode basin (County		alle xod	Contract of	According to the con-	Tws	Rng	X	Υ		Water Co	
	C 02309		6	LE	2	2	2	25	24S	33E	639638	3562994*	60	30	30
	C 03600 POD2	•	•												
ò	C 03602 POD2	- PAR'd	1075	LE	4	4	1	25	248	33E	638824	3562329 🌑			
												Average Donth	to Motor:	20 foo	. /

Average Depth to Water:

Minimum Depth:

30 feet

Maximum Depth

30 feet

Record Count: 3

PLSS Search:

Section(s): 25

Township: 24S

Range: 33E

UTM x = 638689.33 / Y=356/263.19 9 wells - all IPC /all explorations/shallow CO3601 -> 75 TO to 100 TO I PEA'd - no water multi wells (7) C03602 - 75'TD / P&A'd - no water 103600 - 75'TD/PAA'd - BH-16-17, -19, -20, -21-12



New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW#### in the POD suffix indicates the POD has been replaced & no longer serves a

water right file.)

(R=POD has been replaced, O=orphaned,

C=the file is

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters) closed)

(In feet)

POD Sub-	e draw i E di K		a C	Q		44	1994 1293	ini anzincipe i		Depth Depth Water
POD Number Code basin	Count	y 6	4 1(3 4	Sec	: Twa	Rng	A TOTAL X	Y	Well Water Column
C 03600 POD1	LE	2	2	1	26	24S	33E	637275	3563023 🌑	
C 03600 POD3	LE	3	4	2	26	248	33E	637784	3562340	
C 03600 POD4	LE	3	3	1	26	24S	33E	636617	3562293 💨	
C 03600 POD5	LE	3	3 2	4	26	24S	33E	637857	3562020	
C 03600 POD6	LE	3	1	4	26	248	33E	637383	3562026	
C 03600 POD7	LE	3	3 1	3	26	24S	33E	636726	3561968 🌑	

Average Depth to Water:

Minimum Depth:

Maximum Depth:

Record Count: 6

PLSS Search:

Section(s): 26

Township: 24S

Range: 33E



New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW#### in the POD suffix indicates the POD has been replaced & no longer serves a (R=POD has been replaced, O=orphaned,

& no longer serves a C=the fi water right file.) closed)

C=the file is (quarters are 1=NW 2=NE 3=SW 4=SE)

sed) (quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

	POD			
POD Number	Sub- Code basin Count	QQQ ty 6416 4 Sec Tws Rng	X. Chickey	Depth Depth Water Well Water Column
C 03603 POD1	LE LE	3 2 2 35 24S 33E	637805 3561225	
C 03603 POD2 72 2	TE LE	3 1 2 35 24S 33E	637384 3561167	
		4 1 1 35 24S 33E	636890 3561092	
C 03603 POD4 PA K'	LE	3 2 4 35 24S 33E	637789 3560461 🌑	
C 03603 POD5	LE	3 3 2 35 24S 33E	636745 3560767	
C 03603 POD6	LE	3 1 3 35 24S 33E	636749 3560447	

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

DEPTH TO WATER

Record Count: 6

PLSS Search:

Section(s): 35

Township: 24S

Range: 33E

P.O. BOX 98 MIDLAND, TX. 79702 PHONE (432) 683-4521

NO. 2 __

Martin Water Laboratories, Inc.

709 W. INDIANA MIDLAND, TEXAS 79701 FAX (432) 682-8819

RESULT OF WATER ANALYSES

607-158 (pg 2) LABORATORY NO. 6-18-07 SAMPLE RECEIVED 6-22-07 RESULTS REPORTED_ Red Hills North Unit

COMPANY EOG Resources LEASE . Red Hills FIELD OR POOL . NM Lea SECTION __ __ BLOCK _SURVEY. COUNTY STATE . SOURCE OF SAMPLE AND DATE TAKEN: RHNU #209. 6-18-07 RHNU #211. 6-18-07

RIINU #213. 6-18-07-NO. 3 ___

Mr. Larry Brazile

PO Box 2267, Midland, TX 79702

RHNU #301. 6-18-07 NO. 4 ____

EMARKS:	OUTHOU AND BUYER	DOODPDTIES	()31	2110
	CHEMICAL AND PHYSICAL NO. 1	NO. 2	NO. 3	NO. 4
Specific County at 501 5	1.0600	1.0488	1.1671	1.0625
Specific Gravity at 60° F.	1,000	1.0400	1.1071	7.0020
pH When Sampled pH When Received	7.13	6.39	5.56	6.57
	85	183	24	122
Bicarbonate as HCO,	- 33		27	166
Supersaturation as CaCO,				
Undersaturation as CaCO, Total Hardness as CaCO,	12,000	10,200	70,000	12,400
	4,000	3,120	23,200	3,920
Calcium as Ca	486	583	2,916	632
Magnesium as Mg	33,659	25,998	77,526	35,661
Sodium and/or Potassium	970	475	243	697
Suifale as SO.		46,860	168,980	63,190
Chloride as Cl	59,640	153	91	86
Iron as Fe	80	133	0	0
Barium as Ba	<u> </u>	ļ		<u>_</u>
Turbidity, Electric			· · · · · · · · · · · · · · · · · · ·	
Color as Pt	00.840	77.310	272,889	104,222
Total Solids, Calculated	98,840	77,219	+/1 2/2,009	104,222
Temperature *F.			 (
Carbon Dioxide, Calculated				
Dissolved Oxygen,		0.0	1 00	0.0
Hydrogen Sulfide	0.0	0.0	0.0	0,0 0,991
Resistivity, ohms/m at 77* F.	0.095	0.114	0.046	1600
Suspended Oil			 	
Filtrabia Solids as mg/i				
Volume Flitered, mi				
	Day to Board Ac William	ama Partitar	1	
	Results Reported As Milligh	Bills FOT LITET		
Additional Determinations And Remarks	Results Reported As Milligro	ams Per Liter		

Form No. 3

By ____

Martin Water Laboratories, Inc.

P. O. BOX 1468 MONAHANS, TEXAS 79756 PH. 943-3234 OR 563-1040

709 W. INDIANA MIDLAND, TEXAS 79701 PHONE 683-4521

RESULT OF WATER ANALYSES

		LABORATORY NO.		
TO: Mr. Gary Smith		SAMPLE RECEIVED		
P.O. Box 2267, Midland, TX 7970	<u>2-2267</u>	RESULTS REPORTE	5-20-98	
COMPANY Enron Oil & Gas Compa			wood "12" #9	
FIELD OR POOL				
SECTION BLOCK SURVEY	COUNTY	Lea ST	ATE NM	
SOURCE OF SAMPLE AND DATE TAKEN:				
NO.1 Produced water - taken fr	om Hallwood "1	2" #9.		
NO. 2				
NO. 3	•			
NO. 4				
REMARKS:	Bone Spri			
СН	EMICAL AND PHYSIC			
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0677			
pH When Sampled				
pH When Received	5.99			
Bicarbonate as HCO ₁	98			
Supersaturation as CaCO,				
Undersaturation as CaCO ₃	10 (00			
Total Hardness as CaCO ₃	10,600			
Calcium as Ca	3,440			
Magnesium as Mg	486	/		
Sodium and/or Potassium	34,734		1 1 2,	
Sulfate as SO.	900		<u> </u>	
Chloride as CI	60,350			
Iron as Fe	113			
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	100,008)			
. Temperature "F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen,				
Hydrogen Sulfide	0.0			
Resistivity, ohms/m at 77° F.	0.09	4 .		
Suspended Oil				
Filtrable Solids as mg/l				
Volume Filtered, mi				
	Results Reported As Mill		1	
	ring this water			
it correlates well with what wo	oura be expecte	a rrom a nati	iral Bone Sprin	igs. It is
also noted that it is reasonable				
tory #398152 (3-18-98) and #598				Hattwood
"12" #2 and "12" #3 reported or	n laboratory #7	9/195 (7-25-	91).	
			A	
Form No. 3		13	BALAN	7

FAX: Mr. Emery Bartimus, Midland (682-0046)

Martin Water Laboratories, Inc.

P.O. BOX 98 MIDLAND, TX. 79702 PHONE (432) 683-4521

RESULT OF WATER ANALYSES

709 W. INDIANA MIDLAND, TEXAS 79701 FAX (432) 682-8819

	• •	RESULT OF WATER			•	1103-109
	Mr. Hal Crabb			RY NO		11/19/03
0:	P.O. Box 2267, Midland, Texa	is 79702		ECEIVED		11/21/03
			KESULIS N	EPORTED		1. //200
OMPANY	EOG Resources, Inc.	Pitchfork Ranch	LEASE	Red H	ills North U	nit #209
HEI DODE	ואספ		T			T
ECTION	BLOCK SURVEY	COUNTY	Lea	STATE _		Texas
NO. 1	Produced water - taken from Re	ed Hills North Uni	it #209.			
IEMARKS	:					
	CHI	EMICAL AND PHYSIC			NO 2	NO. 4
		NO. 1 1.0610	- NC	0. 2	NO. 3	NO. 4
	avity at 60° F.	1.0010				
pH When Sa		6.84			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
pH When R		329				
Bicarbonate		Jul				
	turation as CaCO,		-			
	turation as CaCO,	10,200				
Calcium as		3,520				
Magnesium as		340				
	dor Potassium	31,819				
Sulfate as		956				
Chloride as		55,395				
Iron as Fe		156				
Barium as						
Turbidity, E						
Color as Pi			-			
	is, Calculated	(92,359				
Temperatu			/			
	oxide, Calculated					
Dissolved (
Hydrogen		0				
	r, ohms/m at 77 ° F.	0.10				
Suspended	d OII					
Filtrable S	Solids as mg/i					
Volume	Filtered, mi					
		Results Reported As M			andad Ron	a Springe in
	Determinations And Remarks	This analysis c	orrelates we	M With our 10	COIDED DOIL	e Springs in
the Ke	ed Hills field.	·!	p.			*
		ਵੱਲ ਕਰੋ				
		- : :	·			
				1		
				/1		

Form No. 3

Hag Oglen Greg Ogden, B.S.

eog resources, inc.
SECTION 36, TOWNSHIP 24 SOUTH, RANGE 33 EAST, N.M.P.M. LEA COUNTY, NEW MEXICO

31 LG-6797 F360	Stevens	J Báck 063/98 Salendo	- (84 mil)	TDM, 905
a3	U.S., MI L Beck eta(M.I	M.T. U.S. MI	Besse F Gover	U.S.M. Bilbe Fortner
FZ82 STORES GHL OFHL	Digmond E. Half, Inc. (3)	GHL . Bubers Medere SHL	Billing Fortner & Mary Hale	4. Mary Hale
Pent 9811 . Marchison, nison Qab. etal EChaparros	128 Devon Ener. et al	Devon En.etal EOG 12-1-2022 Res.	Superior	EOG Res
Rent Marchison, ison Out. etal etal Echaparrol inporruli Mari LG - 9139 1166 MECUltural O. 1 189 1166 MECULTURAL O. 189 1166 MECULTURA O. 189	TT 063798	063/98 Superiors	1989 1 17241	172 41
		U.S Landreth	HBC Significant Feed	20
Chison DEG A Million Disc.	23	R Modera (5.) 24 mages	inum d 19	5
16.5168		1(27(8)00733)	P907 SHL15 Hdyl	
SAC POSSES COMPANY OF SAC PROPERTY OF SAC PROP	(eta)	U.S., MU	IDE Gonzales 115 MI	U.S., MI
SK O SH Stoff 24H	MT Chay (3) U.S.	U.S. MI McChy(S) Modera	10E Gentales 1-1: 2013, Vg-1318 403137e Rubert Medore	Rubert Modere
Modery - (wo)	EOG Res.	EOGRES 12-1-2009 4-1-20101	10.E. Gorzales 11.7013. V 8171 1 357. 91 1 857. 91	
Atelanisc Same	HBP (HNG) 19858 Assers Andre-Fed (Aloke Osc)	19058 103610 76 651	357. 91 HBP 28901	EOG Res. 29891
LG 4558	(ANNA DISC) E09 Rev (1515) Frisk Browned (15 M) 10 13850 (15 M) 26 (13 Sp 0) 150		EOG Res.	* Ruber
27 EOG Res	26 11 0000	(HNG)	2000 10	1 - 2
23 64 EUG ROS 4 Mil bbis		(6016) (13 15 360)	Se Anguelty - 51 5000 O TO 154 6 0 TO 154 6	110 1
EOG Res.	"Triste Draw Fee."	TO MILES M	Sauce 7	Marshall-Fed
Store 175 99	U.S.	IN S. & BHL & State 34 6	BHL Spete Lets Oillon	MTM
OG Res./3 (OXY)	EOG Res.	BHL BHL BHL BHL BHL	District EOG Res.	Alactera-
E06 Res.	19858	RAGON 36 STATE C +235 Kurklin	1984 A EOG Res.	Morr 84Mil
Dr 54. " 13.00	TRIFLE X	10 3943 da 10 24 54	EOG Res.	EO HB
G Res. 34	35 mil	Enrop	1 31 TDIS.275.	
1.B.P B-399		POISSED (HNG)	Diamond-Fed."	FORK*
**************************************	Triste Draw Fed. Muse 10 535' Fed " 10 535'	22.5M Quamond-St (9/6) Tois, 440	U.S. 17 1-2013 (Trail	*Madera
Triste DrSt."	U.S. '-,	IN TSH ZW BHILION TEN SH BH	Mr McCloy(S) with Oillon	Se Se
EOGRas.	Hallwood (Keiser- Bill. Inc. Francis) (Luiser-	Page 15 Fed 158	Engineed EOG Res	Ø EOG ₩
HBP 19859	Morrow L-Stig 17078	Res. (3.6 Kil.)	19 Ma H (HNG OI)	Somedon 63 mm. n. 6055 · Fed 105359 OM 1 · 7 69
2 Parani	2 MILE RADIUS	108505 0101 (5)	1 97Mai 7015,660	Diamond 5-Fed
P240 3	2 HNG) FG Bell Land	100	EOG RES EOG	EOG Res.
	Suo Aus Emory Profes P120	EOG Res. BHL.	IORSOGI TOTOL 30400 108505	18640 800 U.S. M.I. 3 MAIL M.I. MCC/001(5)
"Triste Draw 33		\$461 6104 Hills No. 102	603(3) 108675 T (60) EUG	EOG MES.
Fed. U.S.	Store Red Hare - 14 0	BRL & U.S.	No. Unit" 205 8. 606-M-WI	Bress U.S.
BTA	Hallwood Per. Inc.	240 EOG Ris (8) 158 (Quinoco, etal)	EOG (Diamond	1 1 1
97153	C Hankamer 19899 (200-) Muse-Fed. TD 8197 PAS A 62	2070) 7 /21%	1 10741 W +FZQ3/	FOG Res.
	10 5297 (4 MII) WC DISC 49 Mil	213) 3ML 206 (6)	704 (4) F185 BH1-7, (2) 702 F181 F181 F181 F181 F181 F181 F181 F18	Diemend . Fed.
10	LEASE NAME & WELL NO.	DRAGON 36 STATE	Mant Dockille -	+ F.=+-

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE OF THE NORTH AMERICAN DATUM 1927, U.S. SURVEY FEET

THIS EASEMENT/SERVITUDE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY EGO RESOURCES, INC. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.

LEGEND

EXISTING ROAD SECTION LINE EXISTING PIPELINE OVERHEAD ELECTRIC FENCE LINE



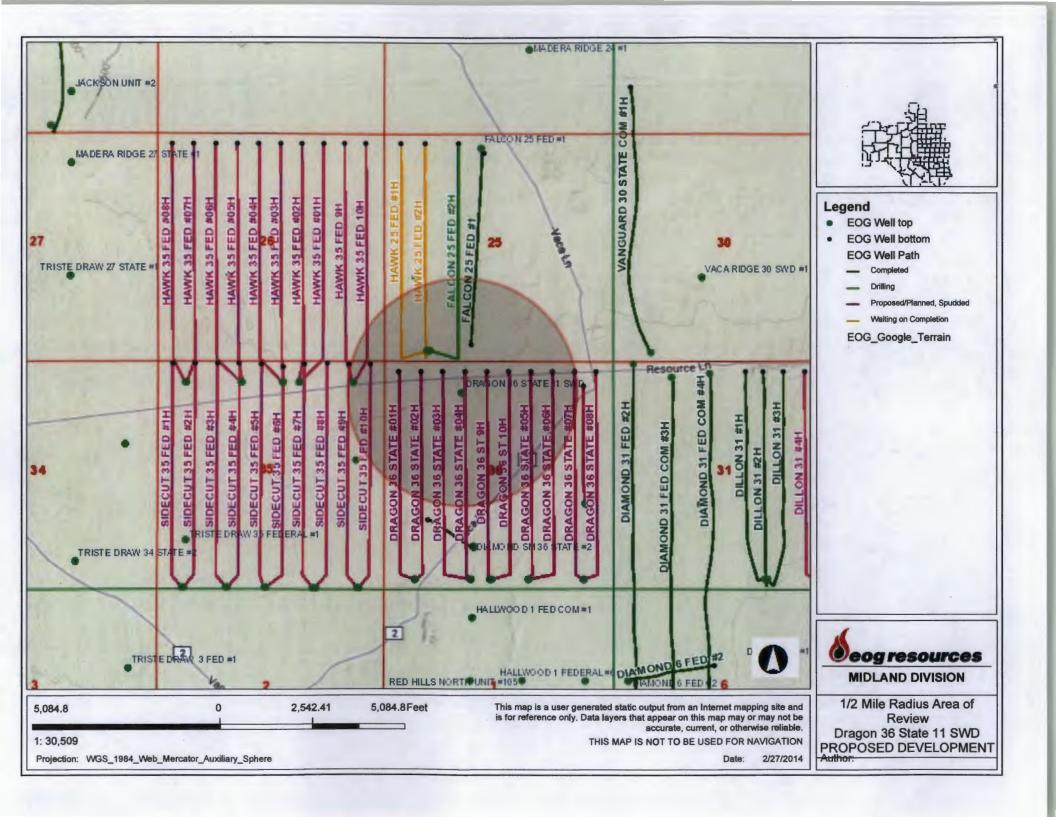
1400 EVERMAN PARKWAY, Ste. 197 • FT. WORTH, TEXAS 76140

IELEPHONE: (817) 744-7512 • FAX (817) 744-7548

2903 NORTH BIG SPRING • MIDLAND, TEXAS 78705

TELEPHONE: (432) 682-1633 OR (600) 767-1653 • FAX (432) 682-1743

WWW.TOPOGRAPHIC.COM

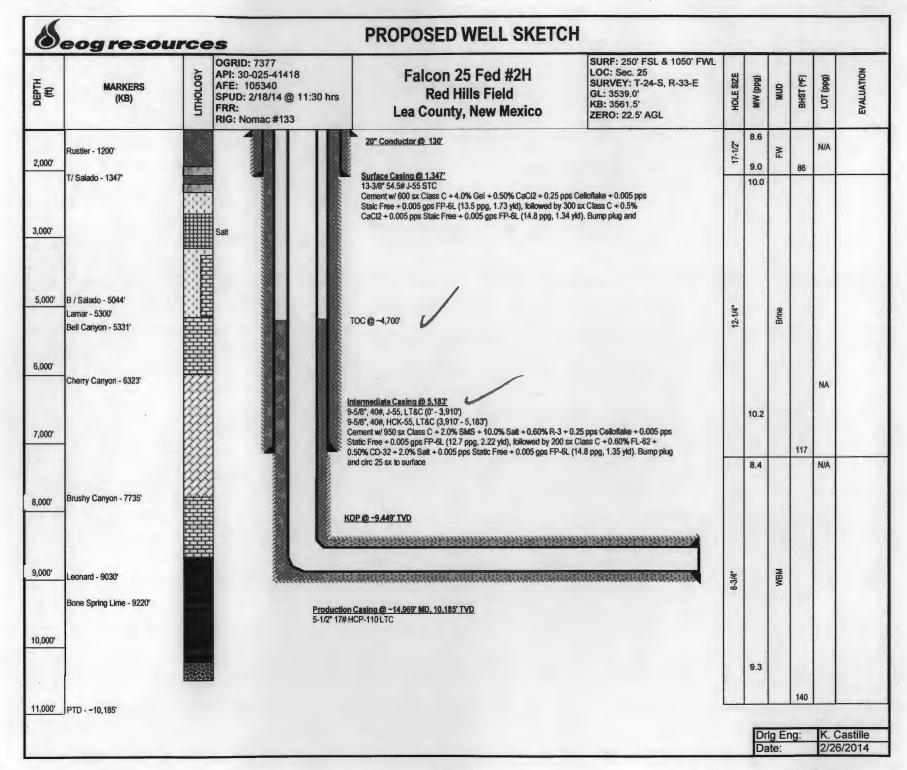


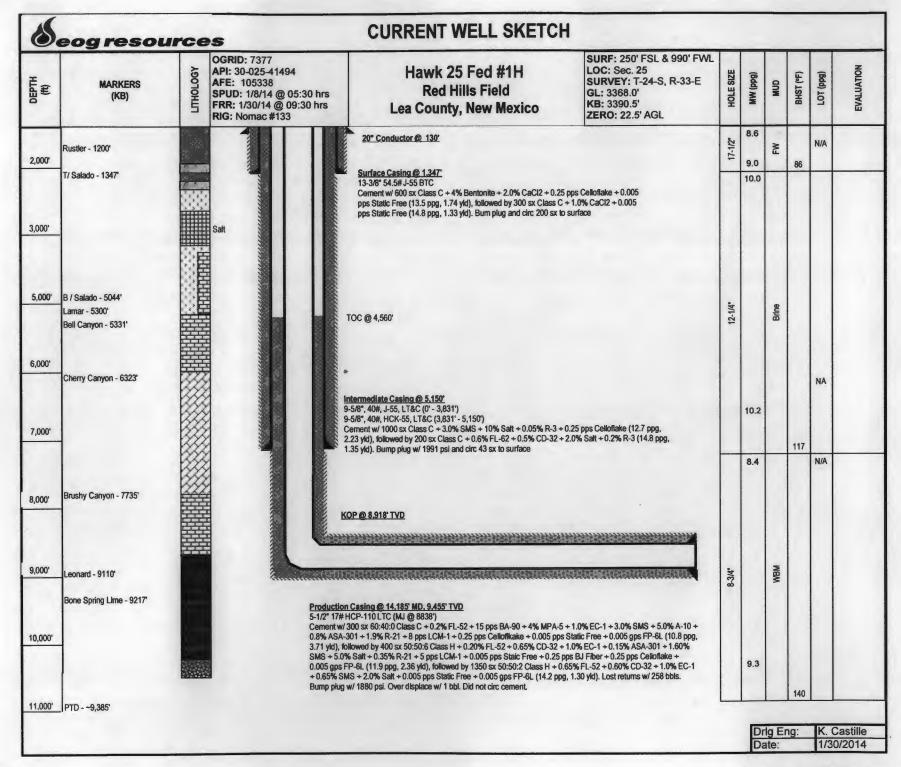
EOG Resources, Inc 1/2 Mile Area of Review Application for Authorization to Inject Dragon 36 State SWD No.1

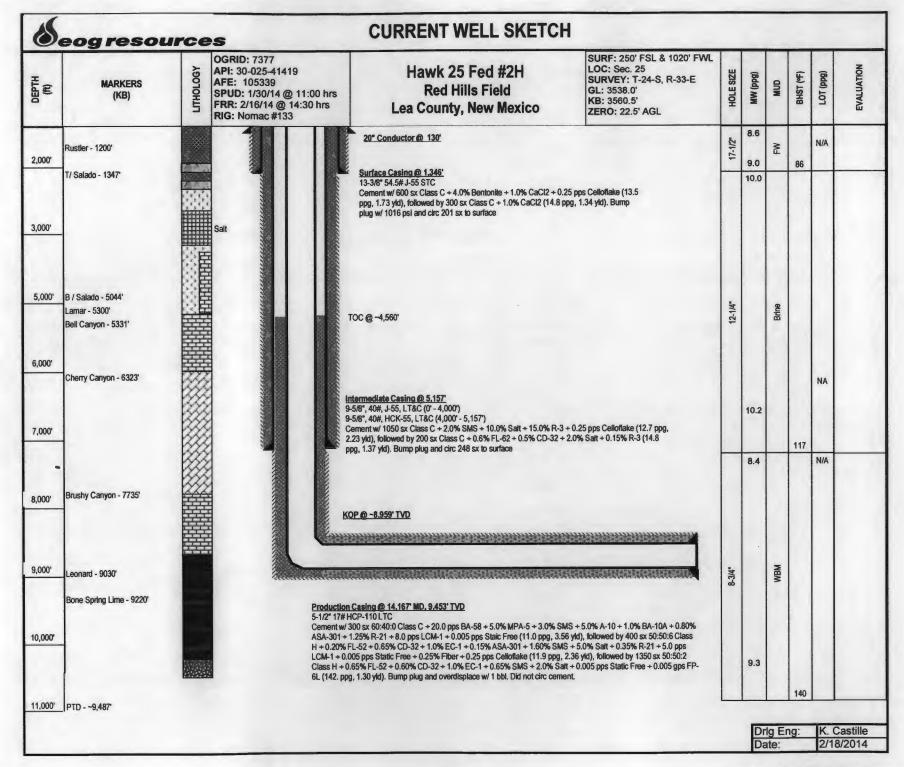
							Surfa	ce Casing		Pro	duction Casing	
Operator	Lease/Well	Status	Location	Spud Date	TMD	Size	Depth	Cement	Size	Depth	Cement	Producing Perfs
EOG Resources	Falcon 25 Fed 1H	Producer	U/L C 25-24S-33E	11/30/2009	13685	13-3/8	1262	1175 C	5-1/2	13673	200 C, 1825 H	9860 - 13550
EOG Resources	Falcon 25 Fed 2H	Drilling	U/L M 25-24S-33E	2/18/2014	14969*	13-3/8	1347	900 C	5-1/2		375 C, 1825 H*	NA
EOG Resources	Hawk 25 Fed 1H	Proposed	U/L M 25-24S-33E	Not Drilled	14172*	13-3/8	1315*	900 C*	5-1/2	14172*	375 C, 1700 H*	NA
EOG Resources	Hawk 25 Fed 2H	Proposed	U/L M 25-24S-33E	Not Drilled	14046*	13-3/8	1315*	900 C*	5-1/2	14046'	375 C, 1700 H*	NA
EOG Resources	Hawk 35 Fed 9H	Proposed	U/L A 35-24S-33E	Not Drilled	14842*	13-3/8	1300*	900 C*	5-1/2	14842*	375 C, 1825 H*	NA
EOG Resources	Hawk 35 Fed 10H	Proposed	U/L A 35-24S-33E	Not Drilled	14874*	13-3/8	1300*	900 C*	5-1/2	14874*	375 C, 1825 H*	NA
EOG Resources	Sidecut 35 Fed 9H	Proposed		Not Drilled		13-3/8	1300*		5-1/2			NA
EOG Resources	Sidecut 35 Fed 10H	Proposed		Not Drilled		13-3/8	1300*		5-1/2			NA
EOG Resources	Dragon 36 State 1H	Proposed	U/L M 36-24S-33E	Not Drilled	14147*	13-3/8	1260*	700 C*	5-1/2	14147*	375 C, 1700 H*	NA
EOG Resources	Dragon 36 State 2H	Proposed	U/L M 36-24S-33E	Not Drilled	14143*	13-3/8	1260*	700 C*	5-1/2	14143*	375 C, 1700 H*	NA
EOG Resources	Dragon 36 State 3H	Proposed	U/L N 36-24S-33E	Not Drilled	14372*	13-3/8	1230*	700 C*	5-1/2	14372*	375 C, 1750 H*	NA
EOG Resources	Dragon 36 State 4H	Proposed	U/L N 36-24S-33E	Not Drilled	14131*	13-3/8	1230*	700 C*	5-1/2	14131*	375 C, 1700 H*	NA
EOG Resources	Dragon 36 State 5H	Proposed	U/L O 36-24S-33E	Not Drilled	14130*	13-3/8	1230*	700 C*	5-1/2	14130*	375 C, 1700 H*	NA
EOG Resources	Dragon 36 State 6H	Proposed	U/L O 36-24S-33E	Not Drilled	14368*	13-3/8	1230*	700 C*	5-1/2	14368*	375 C, 1750 H*	NA
EOG Resources	Dragon 36 State 7H	Proposed	U/L P 36-24S-33E	Not Drilled	14142*	13-3/8	1230*	700 C*	5-1/2	14142*	375 C, 1700 H*	NA
EOG Resources	Dragon 36 State 9H	Proposed	U/L N 36-24S-33E	Not Drilled	14124*	13-3/8	1230*	700 C*	5-1/2	14124*	375 C, 1700 H*	NA
EOG Resources	Dragon 36 State 10H	Proposed	U/L N 36-24S-33E	Not Drilled	14261*	13-3/8	1230*	700 C*	5-1/2	14261*	375 C, 1700 H*	NA

*Drill Plan

DEPTH (ft)	MARKERS (KB)	ГПНОГОСУ	OGRID: API: 30-025-39560 AFE: 104419 SPUD: 11/30/09 @ 20:00 hrs FRR: 2/5/10 @ 20:00 hrs RIG: United #29 / Cactus #123	Falcon 25 Fed #1H Red Hills Field Lea County, New Mexico		SURF: 33 LOC: Sec SURVEY GL: 3567 KB: 3597 ZERO: 30	25 T-24-S		HOLE SIZE	MW (ppg)	MUD	BHST (°F)	LOT (ppg)	EVALUATION
1,000'		7		20" Conductor @ 91' Surface Casing @ 1245'					17-1/2"	9.0	FW	86		Mud Log
3,000′	Rustler - 1210'		Salt	13-3/8" 54.5# J-55 STC Cement w/ 875 sx Class C + 4% Gel + 2% CaClaby 300 sx Class C + 0.6% FL-62 + 0.2% SMS + 2 (14.8 ppg, 1.35 yld). Burn plug to 1053 psi and ci	Preliminar	25 pps Cell pit.	al Plan: 1/ tvd 1' in 8-3/4" / 9,420' tv	d	12-1/4"	10.0	Saturated Brine Water		NA	Mud Log
5,000'	Base Salt - 5100' - Delaware - 5270'			Intermediate Casing @ 5167' 9-5/8', 40#, J-55, LT&C to 4,066' 9-5/8', 40#, HCK-55, LT&C 4066' to 5,167' Cement w/ 1300 sx Class C + 2.0% SMS + 1.25% R- (12.7 ppg, 2.007 yld), followed by 200 sx Class C + 1 (14.8 ppg, 1.337 yld). Bump plug w/ 2050 psi and circ	.0% CaCl2 -	-0.45% R-3			-			117	10.0	
7,000	Cherry Canyon - 6310' Cherry Canyon Mkr - 6540'			Production Liner @ 13,673* MD 5-1/2* 17# HCP110 LTC cernent w/ 200 sx 60:40 Class C + 15 pps BA-90 + 4% MP							Fresh Water			ć
9,000	Top Leonard Shale - 9040' Base Leonard Shale - 9,215' Bone Spring Lime - 9,215'			ASA-301 + 2.1% R-21 + 8 pps LCM + 0.01 gps FP-13L, fo + 0.3% SMS + 2% Salt + 0.35% R-21 + 0.25 pps Celloflab 50:50:2 Class H + 0.65% FL-52A + 0.2% CD-32 + 0.15% s Free. Bump plug w/ 2346 psi. Floats did not hold. Pressure	e + 0.005 pp SMS + 2% S e up to 2500	s Static Frealt + 0.2% psi and shu	e, followe R-3 + 0.00 It in casin	d by 1175 sx 15 pps Static g	8-3/4"					Mud Log
,	Bone Spring Lm Mikr - 9,620'			Cement KO Plug @ ~8,640' - 9,315' 400 sx Class H + 1.2% CD-31 + 5% Salt + 0.13% R-3	HOLE SIZE	(gdd) MM	(E)	LOT (ppg)			WBM			
10,000	1st Bone Spring Sand - 10,180*				8-3/4" H	8.0	-	eŏ D						
11,000'	2nd Bone Spring Lime - 10,500' 2nd Bone Spring Sand - 10,870 PTD - ~11,000'		Pilot Hole TD @ 11,00	Cement Plug @ 11,000' - 10.665' Tag 150 sx Class H + 1.2% CD-31 + 5% Salt + 0.10% R-3								170		





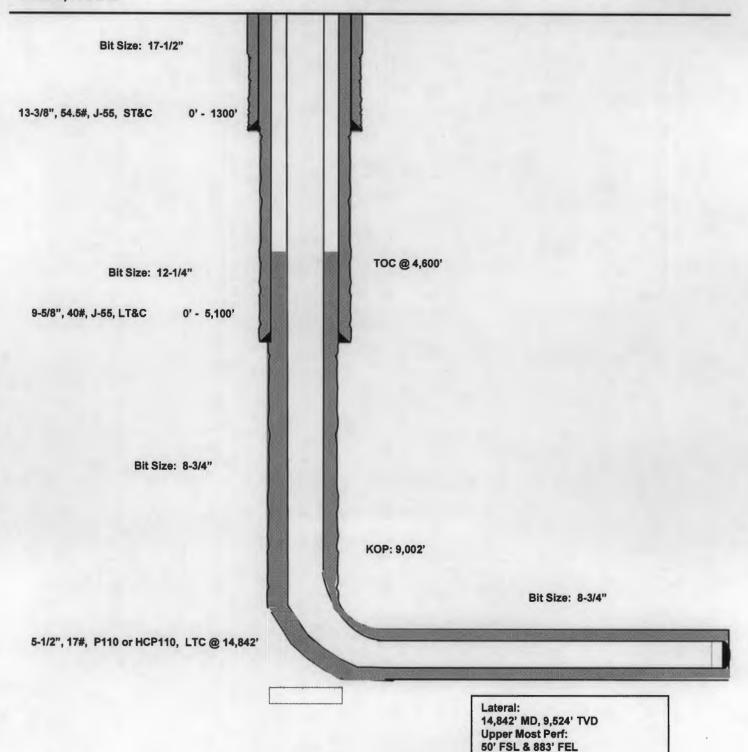


Hawk 35 Fed #9H Lea County, New Mexico Proposed Wellbore

500' FNL 723' FEL Section 35 T-24-S, R-33-E

API: 30-025-****

KB: 3,556' GL: 3,526'



Lower Most Perf: 330' FNL & 876' FEL

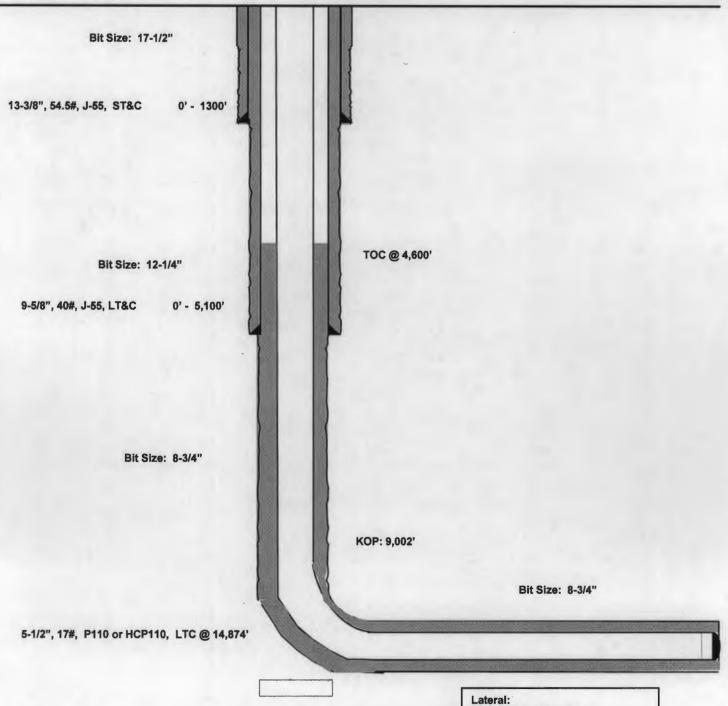
BH Location: 230' FNL & 876' FEL Section 26 T-24-S, R-33-E

Hawk 35 Fed #10H Lea County, New Mexico Proposed Wellbore

500' FNL 693' FEL Section 35 T-24-S, R-33-E

API: 30-025-****

KB: 3,557' GL: 3,527'



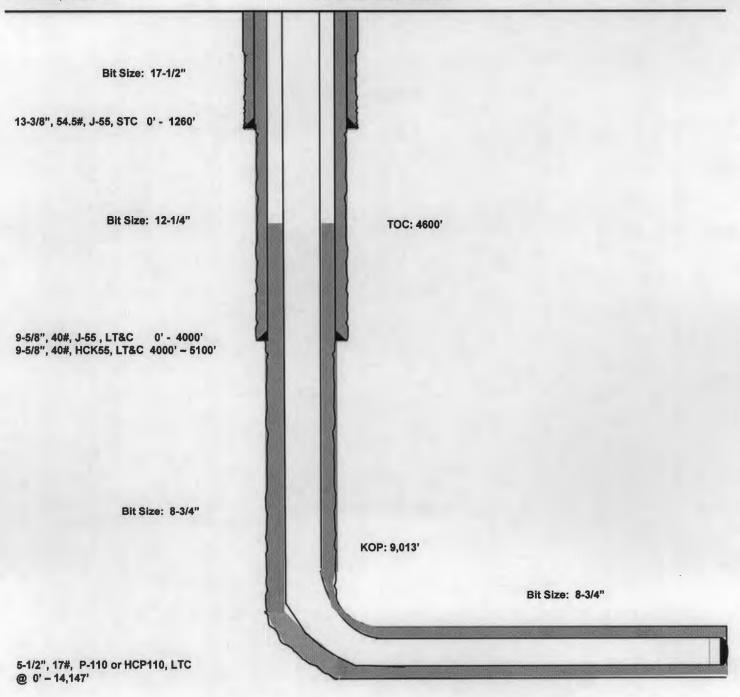
Lateral:
14,874' MD, 9,524' TVD
Upper Most Perf:
50' FSL & 380' FEL
Lower Most Perf:
330' FNL & 380' FEL
BH Location: 230' FNL & 380' FEL

Dragon 36 State #1H
Pitchfork Ranch
Lea County, New Mexico
Revised 1/6/14
Proposed Wellbore

220' FSL 550' FWL Section 36 T-24-S, R-33-E

API: 30-025-40923

KB: 3,521' GL: 3,491'



Lateral: 14,147' MD, 9,463' TVD

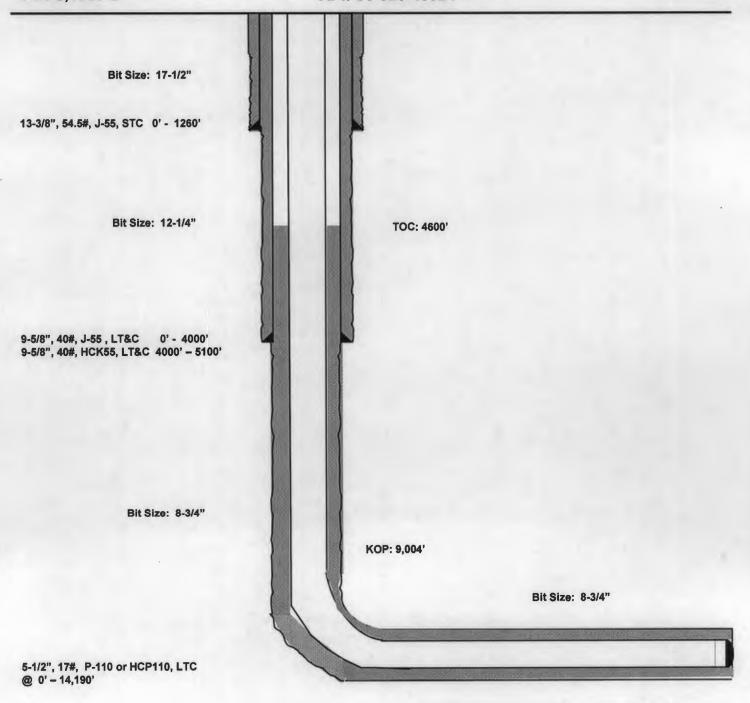
BH Location: 230' FNL & 380' FWL

Dragon 36 State #2H
Pitchfork Ranch
Lea County, New Mexico
Revised 1/6/14
Proposed Wellbore

220' FSL 580' FWL Section 36 T-24-S, R-33-E

API: 30-025-40924

KB: 3,521' GL: 3,491'



Lateral: 14,190' MD, 9,463' TVD

BH Location: 230' FNL & 883' FWL

Dragon 36 State #3H Pitchfork Ranch Lea County, New Mexico

220' FSL 1965' FWL Section 36 T-24-S, R-33-E

Proposed Wellbore

KB: 3,510' GL: 3,480'

API: 30-025-

Bit Size: 17-1/2" 13-3/8", 54.5#, J-55, STC 0' - 1230' Bit Size: 12-1/4" TOC: 4600' 9-5/8", 40#, J-55 , LT&C 0' - 4000' 9-5/8", 40#, HCK55, LT&C 4000' - 5100' Bit Size: 8-3/4" KOP: 8,972' Bit Size: 8-3/4" 5-1/2", 17#, P-110 or HCP110, LTC @ 0'-14,123'

Lateral: 14,123' MD, 9,450' TVD

BH Location: 230' FNL & 1660' FWL

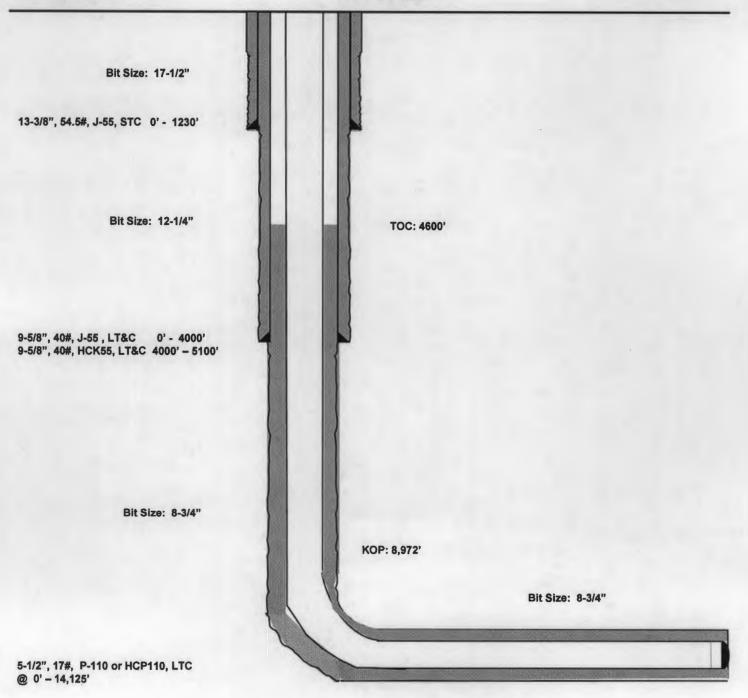
Dragon 36 State #4H Pitchfork Ranch Lea County, New Mexico

220' FSL 1995' FWL Section 36 T-24-S, R-33-E

Proposed Wellbore

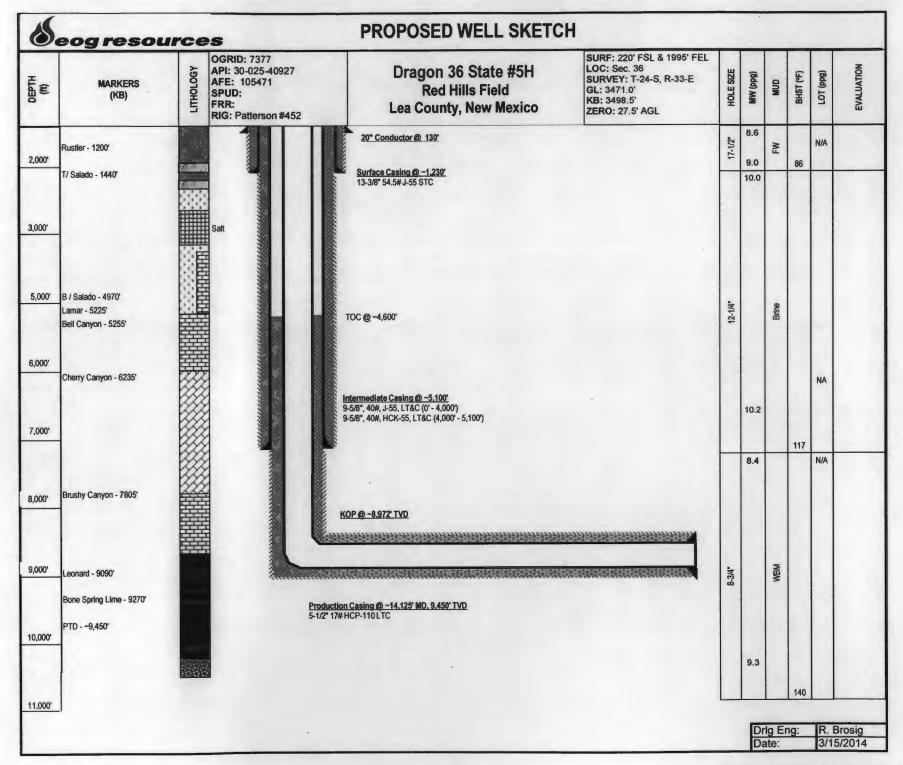
API: 30-025-

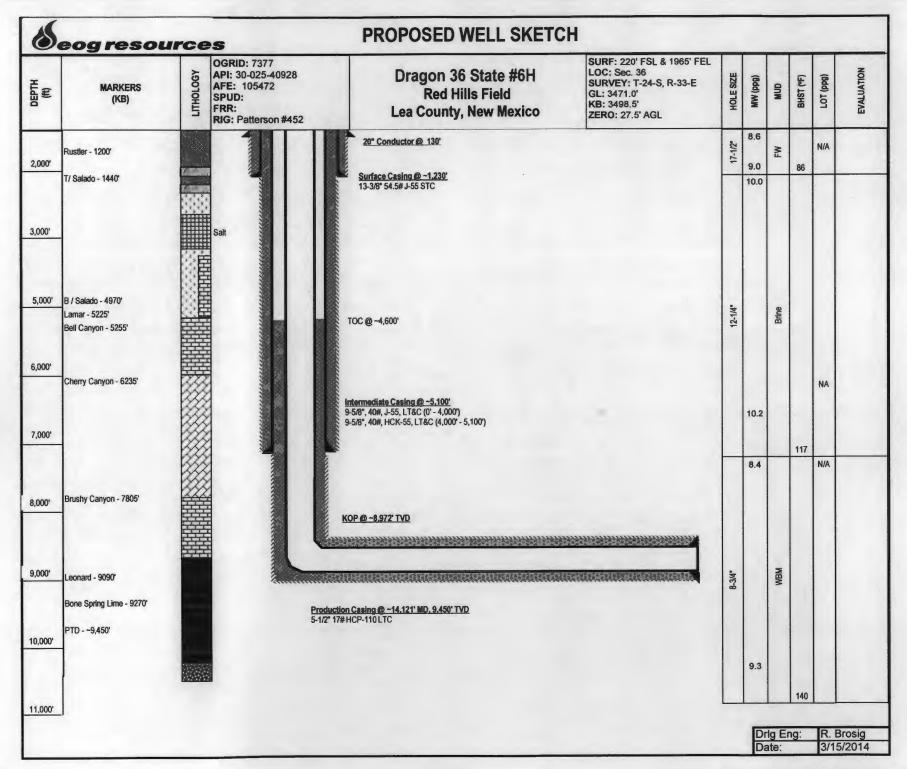
KB: 3,509' GL: 3,479'

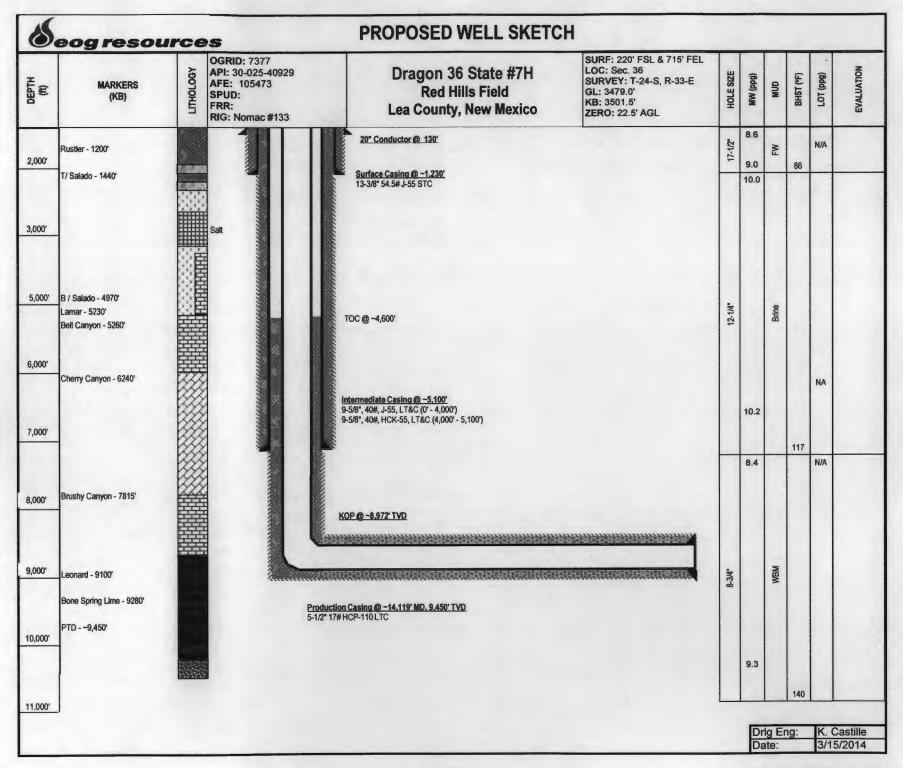


Lateral: 14,125' MD, 9,450' TVD

BH Location: 230' FNL & 2310' FWL







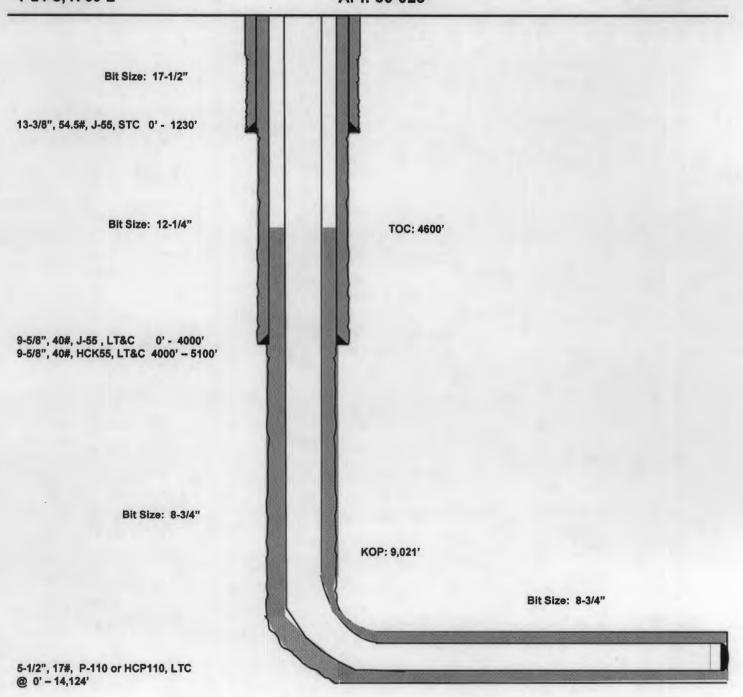
Dragon 36 State #9H Pitchfork Ranch Lea County, New Mexico

220' FSL 2428' FWL Section 36 T-24-S, R-33-E

Proposed Wellbore

API: 30-025-

KB: 3,504' GL: 3,474'



Lateral: 14,124' MD, 9,462' TVD

BH Location: 230' FNL & 2390' FWL

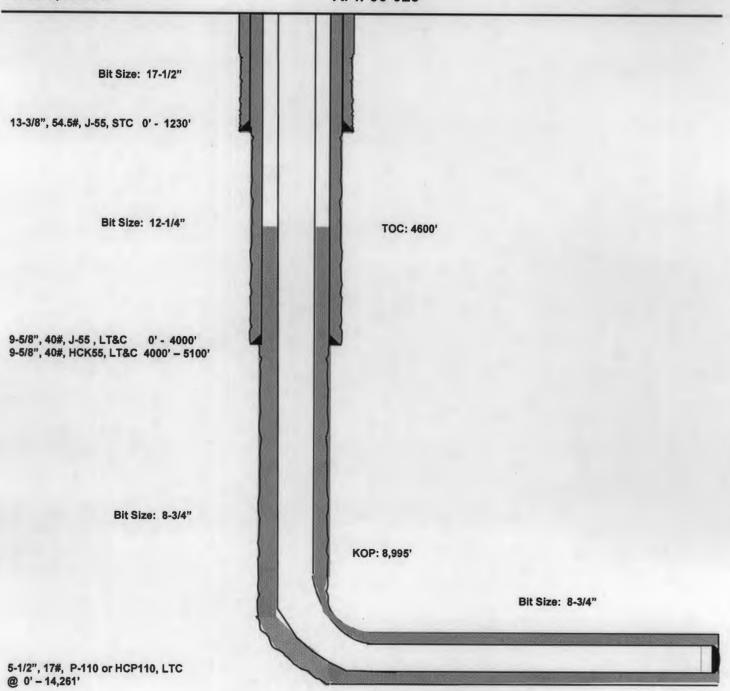
Dragon 36 State #10H Pitchfork Ranch Lea County, New Mexico

220' FSL 2458' FWL Section 36 T-24-S, R-33-E

Proposed Wellbore

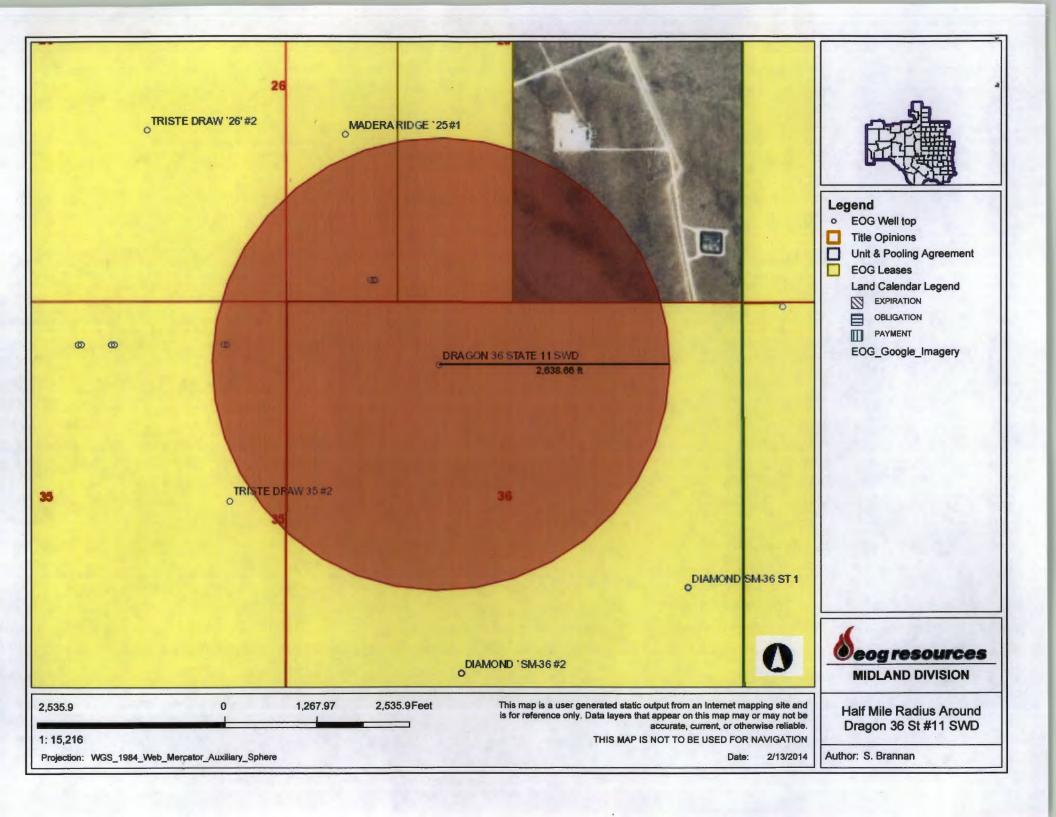
API: 30-025-

KB: 3,503' GL: 3,473'



Lateral: 14,261' MD, 9,463' TVD

BH Location: 230' FNL & 2390' FEL Section 36 T-24-S, R-33-E





EOG Resources, Inc. 4000 North Big Spring, Suite 500 Midland, TX 79705 (915) 686-3600

March 6, 2014

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

State of New Mexico 310 Old Santa Fe Trail Santa Fe, NM 87504

Re:

Application of EOG Resources, Inc. for administrative approval of

Dragon 36 State SWD No. 11 – Lea County, New Mexico.

Application for a Water Disposal Injection well

Ladies and Gentlemen:

Enclosed please find a copy of the application of EOG Resources, Inc. (Oil Conservation Division Form C-108) in the above-referenced matter for approval of a Water Disposal Injection Well: the Dragon 36 State SWD No. 11 located 720 feet from the North line and 1760 feet from the West line of Section 36, Township 24 South, Range 33 East, NMPM, Lea County, New Mexico. EOG proposes to re-inject water produced from the Bone Spring formation into the Delaware Sand formation at a measured depth of 5200 feet to 7800 feet. This injection will occur with a maximum injection pressure of 2600 psi and a maximum injection rate of 10000 barrels of water per day as fully described in the application.

This application is provided to you as owner of the surface of the land upon which the subject well is located. If you object to this application your objection must be filed in writing with the Santa Fe Office of the Oil Conservation Division located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505 within 15 days of the date of this letter. If there is no objection, the Division Director may approve this application.

Sincerely,

EOG RESOURGES, INC.

Stan Wagner

Regulatory Analyst

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
 Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. Article Addressed to: 	A. Signature X
State of New Mexico Land Office 310 Old Santa Fe Trail Santa Fe, NM 87504	
	3. Service Type Certified Mail ☐ Express Mail ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ C.O.D.
	4. Restricted Delivery? (Extra Fee) ☐ Yes

Affidavit of Publication

State of New Mexico, County of Lea.

I, DANIEL RUSSELL PUBLISHER

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

of 1 issue(s).

Beginning with the issue dated
February 23, 2014

and ending with the issue dated
February 23, 2014

PUBLISHER
Sworn and subscribed to before me this 24th day of

February, 2014

Notary Public

My commission expires January 29, 2015

OFFICIAL SEAL
GUSSIE BLACK
Notary Public
State of New Mexico

My Commission Expires

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

LEGAL

LEGAL NOTICE February 23, 2014

EOG Resources, Inc., P.O. Box 2267, Midland, TX 79702, will file form C-108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division seeking administrative approval for a water injection well.

The Dragon 36 State SWD No. 11 is located 720' FNL & 1760' FWL, Section 36, Township 24 South, Range 33 East, Lea County, New Mexico. Injection water will be sourced from area wells producing from the Bone Spring formation. The injection water will be injected into the Delaware formation at a depth of 5200'-7800', a maximum surface pressure of 2600 psi, and a maximum rate of 10000 BWIPD.

All interested parties opposing the action 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. Additional information may be obtained by contacting Stan Wagner at P.O. Box 2267, Midland, TX 79702, or 432-686-3600.

01105308

00131437

STAN WAGNER EOG RESOURCES,INC. P.O. BOX 2267 MIDLAND, TX 79702

Goetze, Phillip, EMNRD

From: Stan_Wagner@eogresources.com
Sent: Tuesday, May 13, 2014 2:15 PM

To: Goetze, Phillip, EMNRD

Subject: Pending SWD Application - Dragon 36 State SWD #11 (30-025-41615)

Attachments: Dragon 36 State SWD 11.pdf

Good afternoon Phillip,

I hate to bother you, but its time for today's question. Attached is a revised C-108 for the application of the subject well. Drilling is now proposing to change the casing design from 3 strings to 2. My questions to you are may we substitute the attached C-108 in the application since it has not yet been worked. EOG is the only operator within the 1/2 mile radius of review.

Also, since the well is due to spud in June, may I relay to drilling that this casing design is acceptable to OCD for this SWD pending the final order? If the casing design is ok with Santa Fe, I will sundry the district to change the APD.

Thank you, as always, for your help.

Stan Wagner EOG Resources - Midland Regulatory 432-686-3689

(See attached file: Dragon 36 State SWD 11.pdf)

Goetze, Phillip, EMNRD

From: Stan_Wagner@eogresources.com
Sent: Tuesday, June 03, 2014 10:00 AM

To: Goetze, Phillip, EMNRD

Subject: Fw: Pending SWD Application - Dragon 36 State SWD #11 (30-025-41615)

Good morning Phillip,

I hate to bother you again, I know you are extremely busy. Do you have an answer regarding the proposed 2 string casing design for the subject well?

I just need to tell drilling if the design is acceptable, pending the final order for the approved permit. We spoke with Paul Kautz in Hobbs and he approved the 2 sting design. They will be moving to this well shortly.

Thank you,

Stan Wagner
EOG Resources - Midland Regulatory
432-686-3689

---- Forwarded by Stan Wagner/EOGResources on 06/03/2014 10:50 AM -----

From: Stan Wagner/EOGResources

To: "Goetze, Phillip, EMNRD" < Phillip.Goetze@state.nm.us>,

Date: 05/13/2014 03:14 PM

Subject: Pending SWD Application - Dragon 36 State SWD #11 (30-025-41615)

Good afternoon Phillip,

I hate to bother you, but its time for today's question. Attached is a revised C-108 for the application of the subject well. Drilling is now proposing to change the casing design from 3 strings to 2. My questions to you are may we substitute the attached C-108 in the application since it has not yet been worked. EOG is the only operator within the 1/2 mile radius of review.

Also, since the well is due to spud in June, may I relay to drilling that this casing design is acceptable to OCD for this SWD pending the final order? If the casing design is ok with Santa Fe, I will sundry the district to change the APD.

Thank you, as always, for your help.

Stan Wagner EOG Resources - Midland Regulatory 432-686-3689

[attachment "Dragon 36 State SWD 11.pdf" deleted by Stan Wagner/EOGResources]

Add Permit Cond: