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

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JUN 04 2009
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State of New Mexico
Energy Minerals and Natural Resources

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

Form C-101
June 16, 2008

Submit to appropriate District Office

☐ AMENDED REPORT

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

[1] Operator Name and Address	[2] OGRID Number
CHEVRON U S A INC 15 SMITH ROAD MIDLAND, TEXAS 79705	4323
	[3] API Number 30 – 025-25069

[3] Property Code	[5] Property Name	[6] Well No
26041	HUGH	11

[9] Proposed Pool 1	[10] Proposed Pool 2
TUBB OIL AND GAS	

[7] Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	14	22-S	37-E		410	NORTH	1980	EAST	LEA

[8] Proposed Bottom Hole Location If Different From Surface

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

Additional Well Information

[11] Work Type Code	[12] Well Type Code	[13] Cable/Rotary	[14] Lease Type Code	[15] Ground Level Elevation
P	O		P	3339' GL
[16] Multiple	**[17] Proposed Depth**	**[18] Formation**	**[19] Contractor**	**[20] Spud Date**
NO	7470'	TUBB		

[21] Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
NO CHANGE					

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

CHEVRON U S A INC INTENDS TO RECOMPLETE THE SUBJECT WELL FROM THE GRANITE WASH/ABO TO THE TUBB OIL AND GAS RESERVOIR

THE INTENDED PROCEDURE AND CURRENT AND PROPOSED WELLBORE DIAGRAM ARE ATTACHED

Permit Expires 2 Years From Approval Date Unless Drilling Underway
Plugback

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

Signature: Denise Pinkerton

Printed name: DENISE PINKERTON	
Title: REGULATORY SPECIALIST	
E-mail Address: leakejd@chevron.com	
Date: 06-02-2009	Phone: 432-687-7375

OIL CONSERVATION DIVISION

Approved by:

Title: PETROLEUM ENGINEER

Approval Date: SEP 09 2009

Expiration Date:

Conditions of Approval Attached ☐

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-25069	60240	TUBB OIL AND GAS

[4] Property Code	[5] Property Name	[6] Well Number
	HUGH	11

[7] OGRID No.	[8] Operator Name	[9] Elevation
4323	CHEVRON U.S.A. INC.	3339' GL

[10] Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	14	22-S	37-E		410	NORTH	1980	EAST	LEA

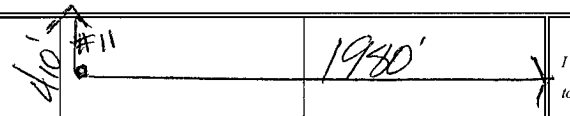
[11] Bottom Hole Location If Different From Surface

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

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
40			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

16



[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division

Denise Pinkerton 06-02-2009

Signature Date

DENISE PINKERTON REGULATORY SPECIALIST

Printed Name

[18] SURVEYOR CERTIFICATION

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

Date of Survey

Signature and Seal of Professional Surveyor

Certificate Number

Hugh #11

Oil, Few

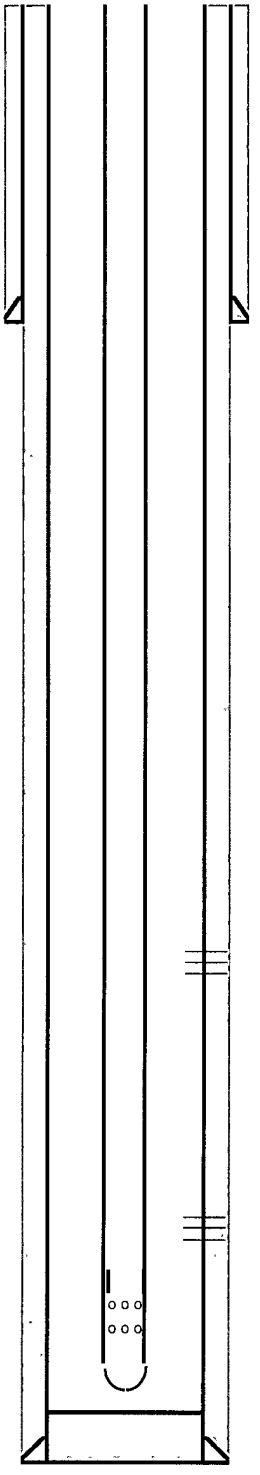
T-22S R-37E Sec 14 410' FNL & 1980' FEL	
Unit Letter: B	
Field:	
County:	Lea
State:	NM

Chevno:	EO5755
API #:	30-025-25069
Cost Center:	
WBS #:	
Spud Date:	8/2/1975
Compl. Date:	12/16/1975

Current

GL:	3339'
KB:	3351'
DF:	3350'

This wellbore diagram is based on the most recent information regarding wellbore configuration and equipment that could be found in the Midland Office well files and computer databases as of the update date below. Verify what is in the hole with the well file in the Eunice Field Office. Discuss w/ WEO Engineer, WO Rep, DS, ALS, & FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.



Surface Csg: 8 5/8", 24#, K-55
Set: @ 1143' w/ 500 sks
Hole Size: 11"
Circ: Yes **TOC:** Surface
TOC By: Circulated

Perfs:	**Zone:**	**Status:**
6612-7171'	Abo	Open

Perfs:	**Zone:**	**Status:**
7217-7300'	Granite Wash	Open

COTD: 7450'
PBTD: 7450'
TD: 7470'
Date: 5/5/2009
BY: LGEK

Prod. Csg: 5 1/2", 15 5# & 20#, K-55 & N-80
Set: @ 7470' w/ 1050 sks
Hole Size: 7 7/8"
Circ: Yes **TOC:** Surface
TOC By: Circulated

Hugh #11

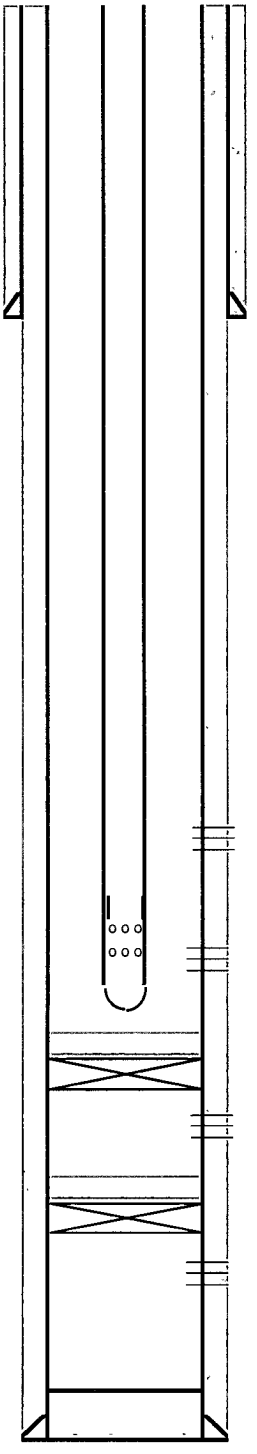
T-22S R-37E Sec 14 410' FNL & 1980' FEL	
Unit Letter:	
Field:	
County:	Lea
State:	NM

Chevno:	EO5755
API #:	30-025-25069
Cost Center:	
WBS #:	
Spud Date:	8/2/1975
Compl. Date:	12/16/1975

Proposed

GL:	3339'
KB:	3351'
DF:	3350'

This wellbore diagram is based on the most recent information regarding wellbore configuration and equipment that could be found in the Midland Office well files and computer databases as of the update date below. Verify what is in the hole with the well file in the Eunice Field Office. Discuss w/ WED Engineer, WO Rep, QS, ALS, & FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.



Surface Csg: 8 5/8", 24#, K-55
Set: @ 1143' w/ 500 sks
Hole Size: 11"
Circ: Yes **TOC:** Surface
TOC By: Circulated

Perfs:	Zone:	Status:
5988-98'	Tubb	Proposed
6010-20'	Tubb	Proposed
6046-54'	Tubb	Proposed
6060-70'	Tubb	Proposed
6088-96'	Tubb	Proposed
6110-18'	Tubb	Proposed

CIBP @ 6562' w/35' CMT

Perfs:	Zone:	Status:
6612-7171'	Abo	Open

CIBP @ 7167' w/35' CMT

Perfs:	Zone:	Status:
7217-7300'	Granite Wash	Open

COTD: 6527'
PBTD: 6527'
TD: 7470'
Date: 5/5/2009
BY: LGEK

Prod. Csg: 5 1/2", 15 5# & 20#, K-55 & N-80
Set: @ 7470' w/ 1050 sks
Hole Size: 7 7/8"
Circ: Yes **TOC:** Surface
TOC By: Circulated

Hugh #11 **Revised May 26, 2009**
Tubb
T22S, R37E, Section 14
Job: Cleanout & Frac Tubb

Procedure:

1. ***This procedure is based on the most recent information regarding wellbore configuration and equipment that could be found in the Midland Office well files and computer databases as of 5/5/2009. Verify what is in the hole with the well file in the Eunice Field office. Discuss w/ WEO Engineer, Workover Rep, OS, ALS, and FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.***

2. Displace flowline with fresh water. Have field specialist close valve at header. Pressure line according to the type of line. Buried fiberglass lines will be tested with 300 psi. All polypipe (SDR7 and SDR11) will be tested w/100 psi. All steel lines will be tested w/500 psi. If a leak is found, contact Donnie Ives for repair/replacement. If test is good, bleed off pressure and **open valve** at header. Document this process in the morning report.

3. MI & RU workover unit. Bleed pressure from well. Pump down csg with 8.6 PPG cut brine water, if necessary to kill well. POH rods and pump. LD rods & pump. Remove WH. Install BOP's and test BOP's as required. POH & scan 2-3/8" tbg. LD tbg.
   Note: If scale, paraffin, or other foreign material seen please catch sample if possible and contact Steve Jackson and Dexter Nichols.

4. MI & RU WL. GIH with 4-3/4" MT bit 2-7/8" production tbg and WS to 6612'.

5. MI & RU WL. GIH w/ CIBP to 7167'. Set 5-1/2" CIBP at 7167' top w/35' cmt. Pressure test casing and CIBP to 500 psi. If CIBP does not test isolate leak. POH. GIH w/ CIBP to 6565'. Set 5-1/2" CIBP at 6562' top w/35' cmt. Pressure test casing and CIBP to 500 psi. If CIBP does not test isolate leak. POH. LD setting tool.

6. MI & RU Gray WL electric line unit. Install lubricator and test to 2000 psi. GIH with 3 3/8" RHSC Gunslinger casing guns (0.42" EH & 47" penetration) and perforate as directed with 4 JSPF at 120 degree phasing, using 25 gram premium charges. POH.

Top	Bottom	Net Feet	# holes
5988	5998	10	40
6010	6020	10	40
6046	6054	8	32
6060	6070	10	40
6088	6096	8	32
6110	6118	8	32
	Total	*54*	*216*

7. RIH w/5-1/2" treaking packer on 2-7/8" WS to 5888' test tbg to 8,000 psi going into the hole. Set packer at 5888'.

8. MI & RU SLB Services. Acidize perfs 5988-6118' with 5,000 gals 15% NEFE HCl acid* at 5 to 6 BPM and a maximum surface pressure of 8,000 psi dropping 324 1.3 SG balls evenly throughout job.

   Displace acid with 8.6 PPG cut brine water -- do not over displace. Record ISIP, 5 & 10 minute SIP's. SI for 2 hours for acid to spend.
   * Acid system to contain:

1 GPT A264	Corrosion Inhibitor
8 GPT L63	Iron Control Agents
2 PPT A179	Iron Control Aid
20 GPT U66	Mutual Solvent
2 GPT W53	Non-Emulsifier

9. RU Swab. Swab back all intervals together. Recover 100% of treatment and load volumes before shutting well in for night, if possible. Report recovered fluid volumes, pressures, and/or swabbing fluid levels.
   Note: Selectively swab perfs as directed by Engineering if excessive water is produced.

10. POH 2-7/8" WS and packer.

11. PU and GIH w/ 5 ½" 10K treating pkr & On-Off tool w/ 2.25" "F" profile and 3 ½" EUE 8R L-80 work string to 5888', testing to 8500 psi. Set pkr at approximately 5888'. Install frac head. Pressure annulus to 350 psi to test csg and pkr. Leave pressure on csg during frac job to observe for communication.

12. MI & RU DS Services and Rita Dickey. Frac well down 3 ½" tubing at **30 BPM** with 50-70 Quality CO2 Foamed WF150 and 144,000 lbs. 20/40 mesh Jordan Sand. Observe a maximum surface treating pressure of **8000 psi**. PropNet will be pumped with the last 30,000 lbs 20/40. ***Ensure extra PropNet is brought to location to start early if needed.*** Pump job as follows:

Pump 7,000 gals WF150 50Q Foam pad
Pump 1,000 gals WF150 50Q Foam pad containing 0.5 PPG 16/30 mesh Jordan Sand
Pump 5,000 gals WF150 50Q Foam pad
Pump 1,000 gals WF150 50Q Foam pad containing 1.0 PPG 16/30 mesh Jordan Sand
Pump 5,000 gals WF150 50Q Foam pad
Pump 1,000 gals WF150 50Q Foam pad containing 1.5 PPG 16/30 mesh Jordan Sand
Pump 7,000 gals WF150 50Q Foam pad

Pump 6,000 gals WF150 50Q Foam containing 1 PPG 16/30 mesh Jordan Sand
Pump 8,000 gals WF150 50Q Foam containing 2 PPG 16/30 mesh Jordan Sand
Pump 9,000 gals WF150 50Q Foam containing 3 PPG 16/30 mesh Jordan Sand
Pump 10,000 gals WF150 50Q Foam containing 4 PPG 16/30 mesh Jordan Sand
Pump 5,000 gals WF150 50Q Foam containing 5 PPG 16/30 mesh Jordan Sand

Pump 5,000 gals WF150 50Q Foam containing 5 PPG 16/30 mesh Jordan Sand and PropNET

Flush w/ WF150 no CO2. **Do not overflush.** Shut well in. Record ISIP, 5, 10, and 15 minute SI tbg pressures. SWI. RD & Release DS Services. **Leave well SI overnight. Note: DS should bring enough PropNet to location to add to all sand stage if needed for pressure reduction.**

13. Open well. Bleed off pressure. Pump down tbg with 8.6 PPG cut brine water if necessary to kill well. Release pkr and POH with 3 ½" work string. Lay down 3 ½" work string and pkr.

14. PU and GIH with 4 ¾" MT bit on 2 7/8" work string to PBTD 6527'. If fill is found, clean out to 6527' using 8.6 PPG cut brine water. POH with 2 7/8" work string and bit. LD bit. **Note: If well will not circulate, use air unit and cleanout using foam.**

15. PU & GIH with 5 ½" pkr on 2 7/8" tbg string to 5888'. Set pkr at 5888'. RU Swab and swab well recording rates, volume, pressures, and fluid levels. Report to engineering. RD swab.

16. RIH w/ 2-7/8" production tubing and hang off per ALS recommendation. NDBOP. NUWH. ***Pump down tbg with 25bbls of 8.6 water containing surfactant to clean tbg***. RIH w/ rods and pump per ALS.

17. RD Key PU & RU. Turn well over to production. Report producing rates, choke sizes, flowing pressures and/or fluid levels.

Engineer – Lonnie Grohman
432-687-7420 Office
432-238-9233 Cell