

ATTACHMENT 1

**ACTIVE OIL AND GAS WELL DATA; PERMANENTLY
PLUGGED OIL AND GAS WELL DATA**

OCT 28 2014
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MapNumber	API	OPERATOR	RANGE	TOWNSHIP	SECTION	FOOTDEPTH	ZONE	WELLNAME	WELLTYPE	COMPLETSTATUS	COUNTRY	ELEV	EWCD	FLGW	FTGHS	LATITUDE	LONGITUDE	UTME	UTMN	MILES
92	3007534769	CMAREX ENERGY CO. OF COLORADO	32E	19.05	29	6630	Deep	LUSK WEST DELAWARE UNIT 915	O	Plugged	Lea	3551	E	2050	450	32.62539941	-103.776383	613853.761	3610220.248	1.91
41	3007530769	SHACKLEFORD OIL CO	32E	19.05	21	11690	Deep	PLAINS 006	O	Active	Lea	3592	W	660	1980	32.647734	-103.777615	614647.976	3612705.642	1.91
126	3001502781	DON ANGLE	31E	19.05	23	247	Shallow	ANGLE FED 001	O	Plugged	Lea	3500	W	1980	660	32.65181011	-103.8421032	608594.684	3613047.668	1.92
86	3007534139	PIONEER NATURAL RESOURCES USA, INC	32E	19.05	29	4210	Shallow	LUSK WEST DELAWARE UNIT 915	O	Plugged	Lea	3551	E	2000	450	32.62539894	-103.776383	613853.761	3610220.248	1.91
39	3007530518	CMAREX ENERGY CO. OF COLORADO	32E	19.05	21	11514	Deep	PLAINS UNIT FEDERAL 004	O	Plugged	Lea	3589	W	660	1980	32.64060755	-103.7775933	614659.007	3611915.687	1.92
136	3001510045	LYNN PETROLEUM CONSULTANTS INC	31E	19.05	23	1283	Deep	IONIS FEDERAL 001	S	Plugged	Lea	3559	W	1650	1650	32.64325734	-103.8431511	608506.27	3612140.564	1.92
20	3007530091	SHACKLEFORD OIL CO	32E	19.05	21	2886	Shallow	LYNN 001	O	Plugged	Lea	3578	W	660	660	32.64047012	-103.7775928	614659.007	3611915.687	1.92
81	3007533311	SHACKLEFORD OIL CO	32E	19.05	21	2788	Shallow	MOBILE FEDERAL 006	O	Active	Lea	3578	W	660	660	32.64047012	-103.7775928	614659.007	3611915.687	1.92
46	3007532087	CMAREX ENERGY CO. OF COLORADO	32E	19.05	29	11469	Deep	IONIS FED COM 001	O	Active	Lea	3563	E	990	1650	32.62539941	-103.776383	613853.761	3610220.248	1.91
155	3001510704	ENHCO OIL CO	32E	19.05	23	11330	Deep	WBP FEDERAL 001	O	Plugged	Lea	3610	W	660	660	32.65181011	-103.8421032	608594.684	3613047.668	1.92
103	3007532496	RAY WESTALL OPERATING, INC	32E	19.05	8	12710	Deep	HAWKEYE 7 FEDERAL 002	O	Active	Lea	3610	W	660	660	32.65181011	-103.8421032	608594.684	3613047.668	1.92
166	3007535662	DELVON ENERGY PRODUCTION COMPANY, LP	31E	19.05	7	12860	Deep	WILD CAT STATE COM 002	O	Active	Lea	3620	E	1980	1650	32.67279783	-103.8034757	612191.551	3615401.247	1.96
22	3007530091	KERREY & COMPANY	32E	19.05	21	2710	Shallow	ATLANTIC 001	O	Active	Lea	3493	W	1980	1980	32.61876452	-103.8034757	612191.551	3615401.247	1.96
23	3007530091	SHACKLEFORD OIL CO	32E	19.05	21	2710	Shallow	ATLANTIC 001	O	Active	Lea	3493	W	1980	1980	32.61876452	-103.8034757	612191.551	3615401.247	1.96
117	3007530091	SHACKLEFORD OIL CO	32E	19.05	21	2710	Shallow	ATLANTIC 001	O	Active	Lea	3493	W	1980	1980	32.61876452	-103.8034757	612191.551	3615401.247	1.96
168	3007530091	SHACKLEFORD OIL CO	32E	19.05	21	2710	Shallow	ATLANTIC 001	O	Active	Lea	3493	W	1980	1980	32.61876452	-103.8034757	612191.551	3615401.247	1.96
91	3007530091	SHACKLEFORD OIL CO	32E	19.05	21	2710	Shallow	ATLANTIC 001	O	Active	Lea	3493	W	1980	1980	32.61876452	-103.8034757	612191.551	3615401.247	1.96
55	3007530091	SHACKLEFORD OIL CO	32E	19.05	21	2710	Shallow	ATLANTIC 001	O	Active	Lea	3493	W	1980	1980	32.61876452	-103.8034757	612191.551	3615401.247	1.96
169	3007530091	SHACKLEFORD OIL CO	32E	19.05	21	2710	Shallow	ATLANTIC 001	O	Active	Lea	3493	W	1980	1980	32.61876452	-103.8034757	612191.551	3615401.247	1.96
178	3001540715	BOPECO, L.P.	31E	19.05	35	9220	Deep	BIG EDDY UNIT 285H	O	Active	Lea	3493	W	1980	1980	32.61876452	-103.8034757	612191.551	3615401.247	1.96
114	3007541145	DEVON ENERGY PRODUCTION COMPANY, LP	32E	19.05	29	11469	Deep	IONIS FED COM 001	O	Active	Lea	3563	E	990	1650	32.62539941	-103.776383	613853.761	3610220.248	1.91
163	3007530662	CMAREX ENERGY CO. OF COLORADO	32E	19.05	21	11690	Deep	PLAINS 006	O	Active	Lea	3592	W	660	1980	32.647734	-103.777615	614647.976	3612705.642	1.91
30	3007530091	SHACKLEFORD OIL CO	32E	19.05	21	2886	Shallow	LYNN 001	O	Plugged	Lea	3578	W	660	660	32.64047012	-103.7775928	614659.007	3611915.687	1.92
177	3007530091	SHACKLEFORD OIL CO	32E	19.05	21	2886	Shallow	LYNN 001	O	Plugged	Lea	3578	W	660	660	32.64047012	-103.7775928	614659.007	3611915.687	1.92
176	3007530091	SHACKLEFORD OIL CO	32E	19.05	21	2886	Shallow	LYNN 001	O	Plugged	Lea	3578	W	660	660	32.64047012	-103.7775928	614659.007	3611915.687	1.92
156	3007530091	SHACKLEFORD OIL CO	32E	19.05	21	2886	Shallow	LYNN 001	O	Plugged	Lea	3578	W	660	660	32.64047012	-103.7775928	614659.007	3611915.687	1.92

ATTACHMENT 2

ACTIVE WELL AND PLUGGING REPORTS

STATUS OF ACTIVE AND PLUGGED WELLS WITHIN THE ZIA AGI WELLS AREA OF INTEREST

Wells within the 30-Year Calculated Injection Area Using 100% Safety Factor

For the purposes of this evaluation, the calculated areas of injection influence (0.37 mile radius) are based on the highly conservative injection rate of two times the base design rate over 30 years.

Active well 3002520122 (Figure 2-1) was completed in the Strawn and Morrow in February 1963. The surface casing (850') and the intermediate casing (4,506') were cemented to the surface. The production casing's top of cement was measured at 9,800'. This well lies just inside the east boundary of the outer edge of the calculated 100% safety-factor injection area of Zia AGI #2, and should not be influenced by any anticipated injection activities.

Plugged well 3002520247 (Figure 2-2) was drilled in 1963 and completed in the Strawn at 12,554'. This well is inside the inner (7.5 MMSCFD 30-year radius) area. In October 1971 the well was plugged back to 8,819' and was perforated from 8,822 to 8,824 to test the Bone Springs. The test was unsuccessful, and the well was plugged and abandoned in October 1971. The injection zone is protected, since the well bore is plugged with cement plugs at 6,600' and 4,364'.

Well 3002520876 (Figure 2-3) is also an active well, and lies inside the inner (7.5 MMSCFD 30-year radius) area. Originally completed in the Strawn in 1961, the well was plugged and abandoned in October 1971. The well was re-entered in June of 1981 and completed in the Yates. As seen in Figure 22, the injection zone is isolated by cement plugs set at 3,760' and 7,560'.

Well 3002534573 (Figure 2-4) is an active well inside the inner (7.5 MMSCFD 30-year radius) area. The proposed injection zone (5,500' to 6,100') is well protected because the 5 1/2" production casing is cemented from the total depth (12,540') to a depth of 4,200'. This places the top of the cement at 300' below the base (4,500') of the intermediate casing. The intermediate casing and the surface casing (830') are cemented to the surface.

Active well 3002535291 (Figure 2-5) inside the inner (7.5 MMSCFD 30-year radius) area also protects the injection zone because the 5 1/2" production casing was cemented from total depth (12,718') to the surface.

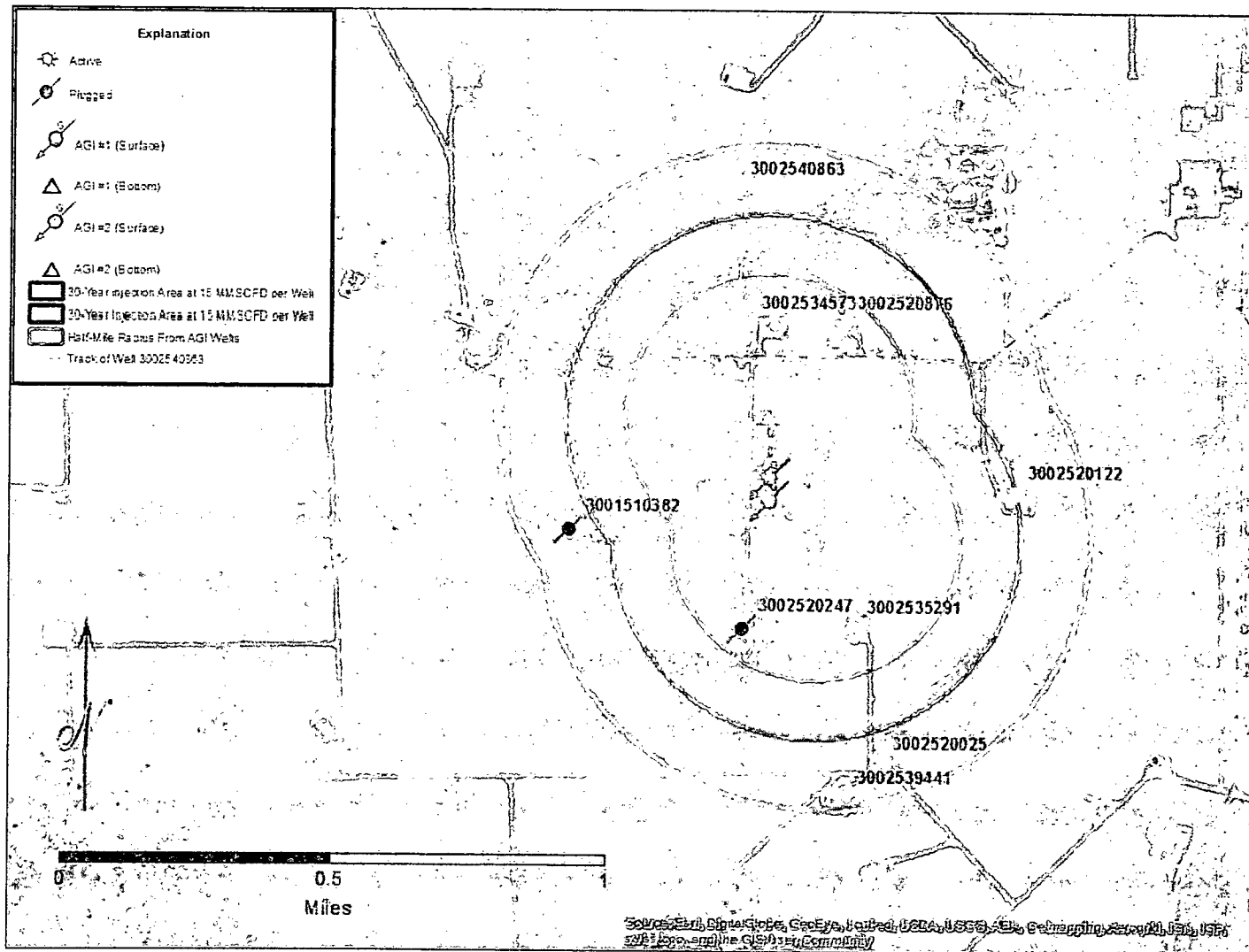
Wells outside the 30-Year Calculated Injection Area Using 100% Safety Factor

Plugged well 3001510382 (Figure 2-6) was completed in the Strawn in 1964. The well was plugged and abandoned in October 1994. This well lies approximately 300' west of the outer edge of the calculated injection area of Zia AGI #2. The injection zone is further protected by cement plugs in the well bore at 6,908' and 4,325'.

Active well 3002520025 (Figure 2-7) was completed in the Strawn in February 1963 at a total depth of 11,400 feet. Its location is approximately 300 feet south of the outside the safety-factor area. Surface casing (507') was cemented to the surface, as was the intermediate casing (4,050'). The production casing was cemented to 8,300 feet, and was later squeezed at 6,058 feet.

Active well 3002539411 (Figure 2-8) was completed in the Bone Springs at 9,580 feet in June 2009. The well is located approximately 400 feet south of the calculated injection area of Zia AGI #2. The surface casing (839') was cemented to the surface, and the intermediate casing (4,158') was cemented to 100 feet. The intermediate casing was cemented to 1,800 feet, well inside the intermediate.

Active well 3002540863 (Figure 2-9) is a horizontal well completed in the Bone Springs. The well was drilled vertically to approximately 8,700 feet, and then achieved a horizontal path at approximately 9,700'. As seen in Figure 21, the subsurface path of the well trends north-south for approximately 4,600', passing under the injection zone. The surface, intermediate and production casing strings were cemented to the surface, protecting the injection zone. The production zone of the well is at approximately 9,300', over 3,000' below the proposed injection zone.



Wells Penetrating the Injection Zone Located Within One Half Mile of the Proposed AGI Wells

(Circles Show Anticipated Rate of 7.5 MMSCFD and 100% Safety Factor Injection Rate 15.0 MMSCFD)

Completion and Plugging Diagrams

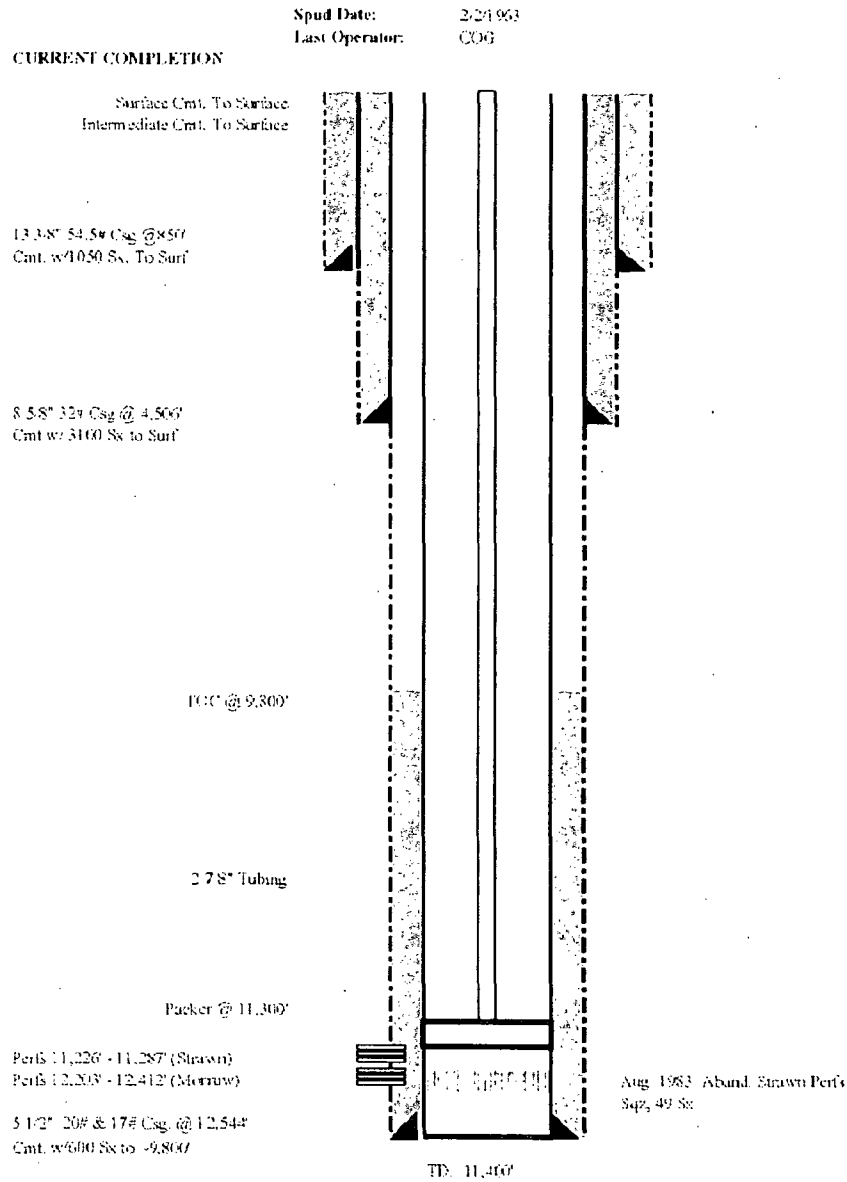


Figure 2-1: Lusk Deep Unit A 005 Schematic

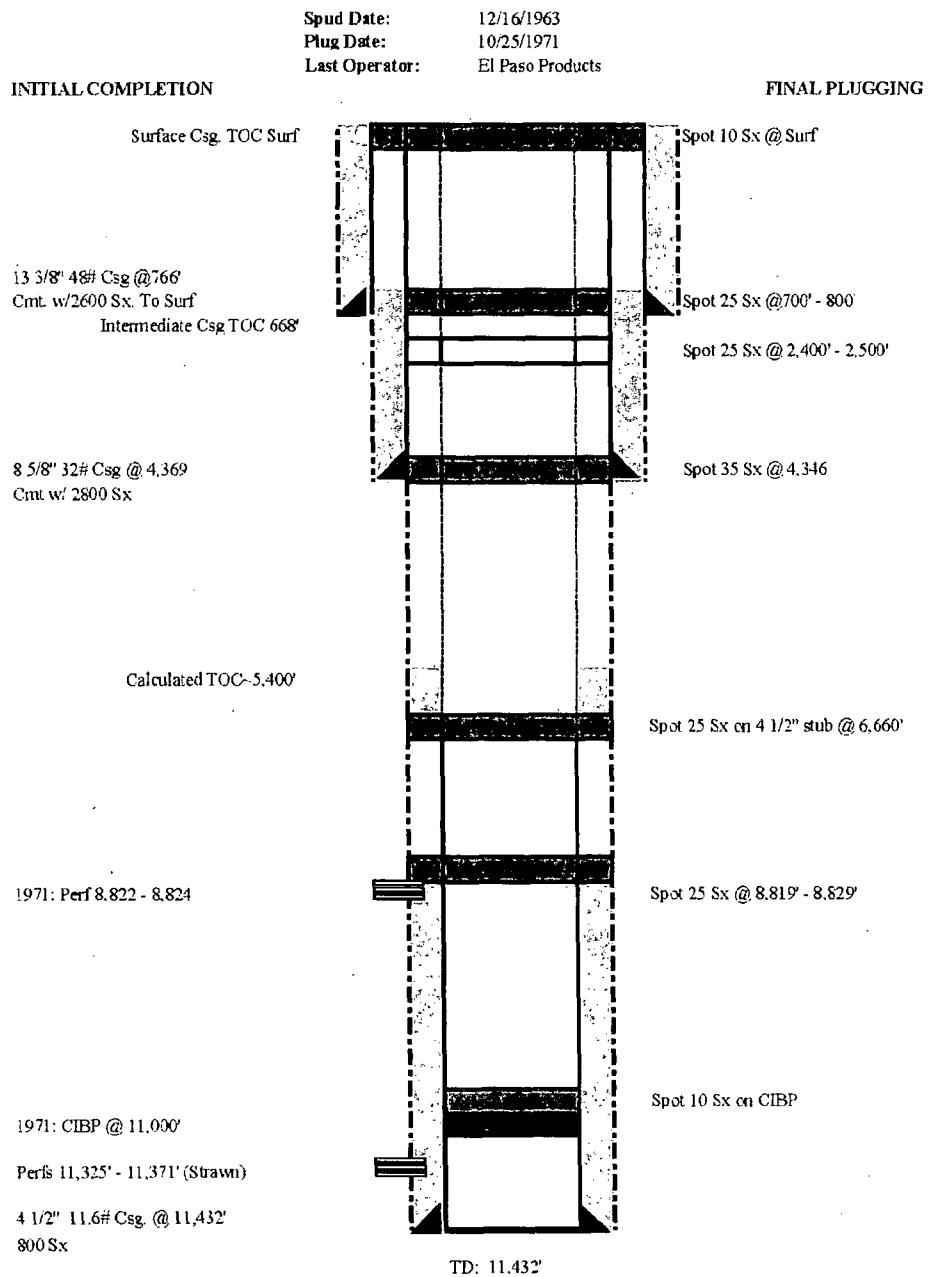


Figure 2-2: Lusk Deep Unit 006 Schematic



Spud Date: 11/6/1964
Last Operator: Tom R. Cone

Surface Cmt To Surface
Intermediate Cmt To Surface

Perfs 2,419' - 2,619' (Yates)

13 3/8" 54# Csg @ 730'
Cmt. w/ 775 Sx. To Surf

8 5/8" 32# Csg @ 3,640'
Cmt. w/ 2250 Sx to Surf

TOC Unknown

2 7/8" Tubing

Perfs 11,194' - 11,223' (Strawn)

4 1/2" 11.6# Csg. @ 11,300'
Cmt. w/ 800 Sx

TD: 11,300'

Oct. 1971
Spot 10 Sx @ 3,760'

RECONSTRUCTION

Oct. 1971
Spot 25 Sx @ 700-800'

Mar. 1981 Set BP @ 740'

Oct. 1971
Spot 25 Sx @ 3,760'

Oct. 1971
Spot 25 Sx @ 3,760'

Oct. 1971
Spot 25 Sx @ 7,560'

Oct. 1971
Spot 25 Sx @ perfs

Figure 2-3: Gulf Federal 003 Schematic

GEOLEX
INCORPORATED

LUSK DEEP UNIT A 014 (3002534573)
WELL SCHEMATIC

DEP
Midstream

Location: 1650 ENL & 990' FWL
STR S19-T19S-R32E
County, St.: LEA COUNTY, NEW MEXICO

Spud Date: 12/17/1999
Last Operator: COG

CURRENT COMPLETION

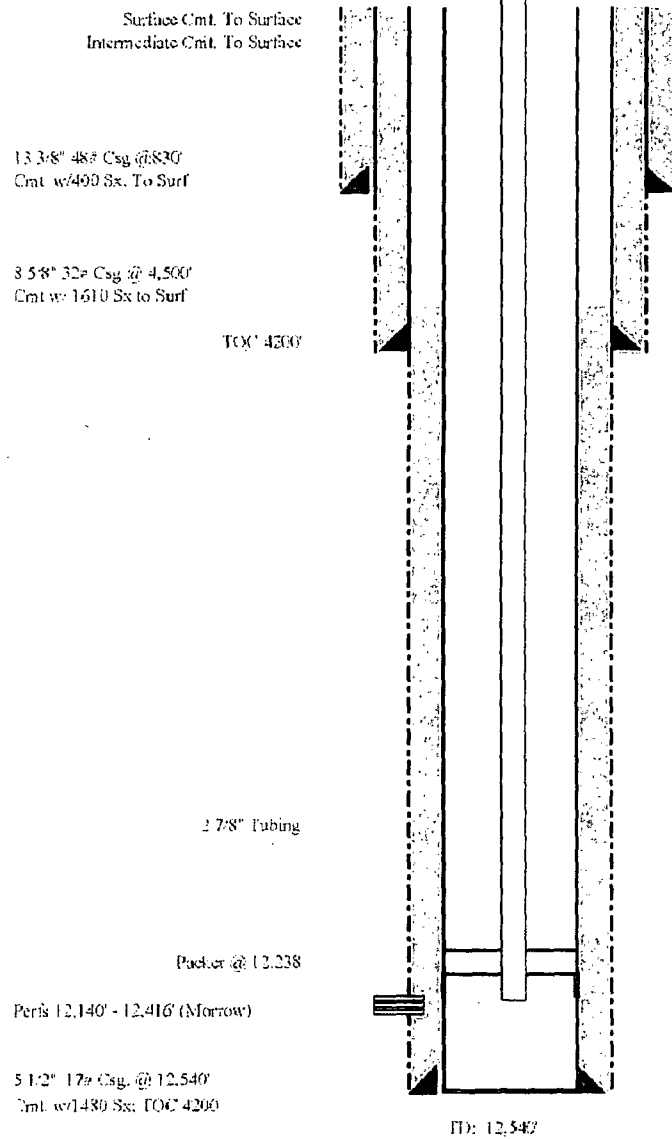


Figure 2-4: Lusk Deep Unit A 014 Schematic

Spud Date: 4/24/2001
 Last Operator: COG

CURRENT COMPLETION

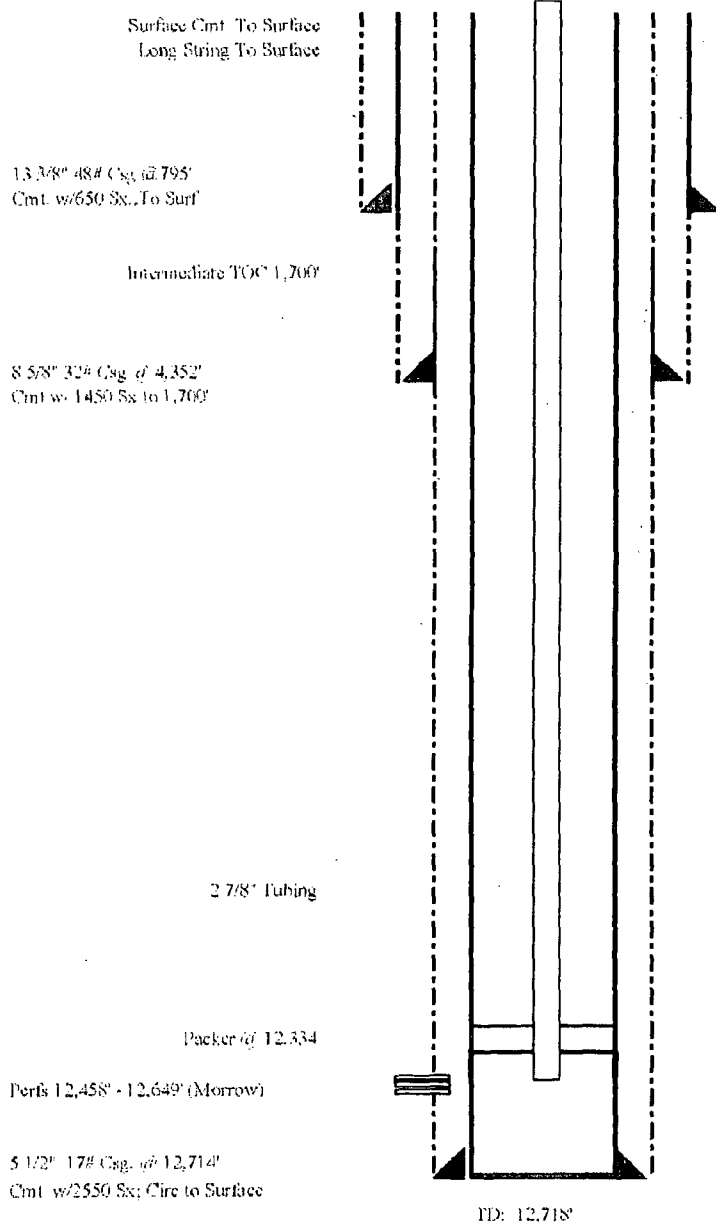


Figure 2-5: Lusk Deep Unit A 021 Schematic

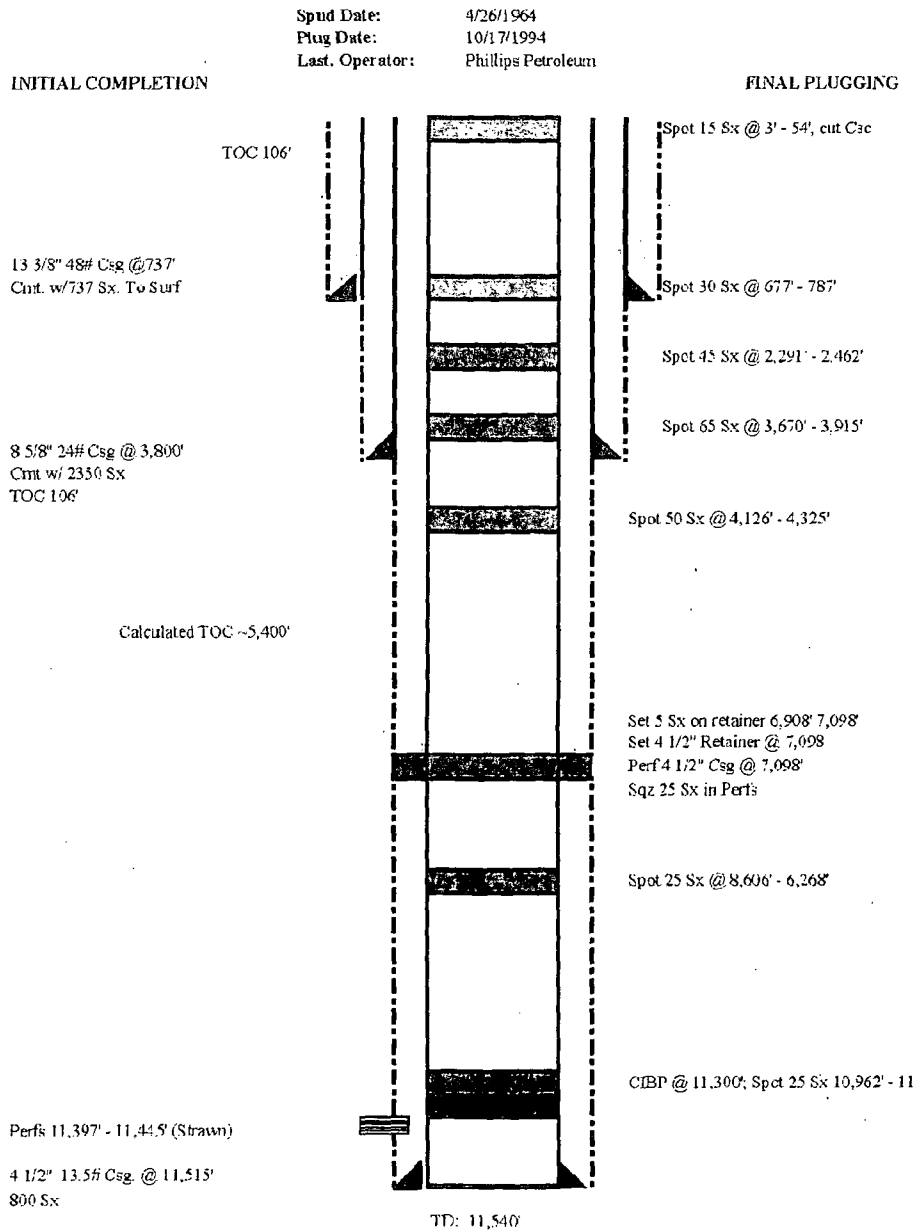


Figure 2-6: Lusk Deep Unit 008 Schematic

Spud Date: 2/2/1963
 Last Operator: CHSOS, LTD

CURRENT COMPLETION

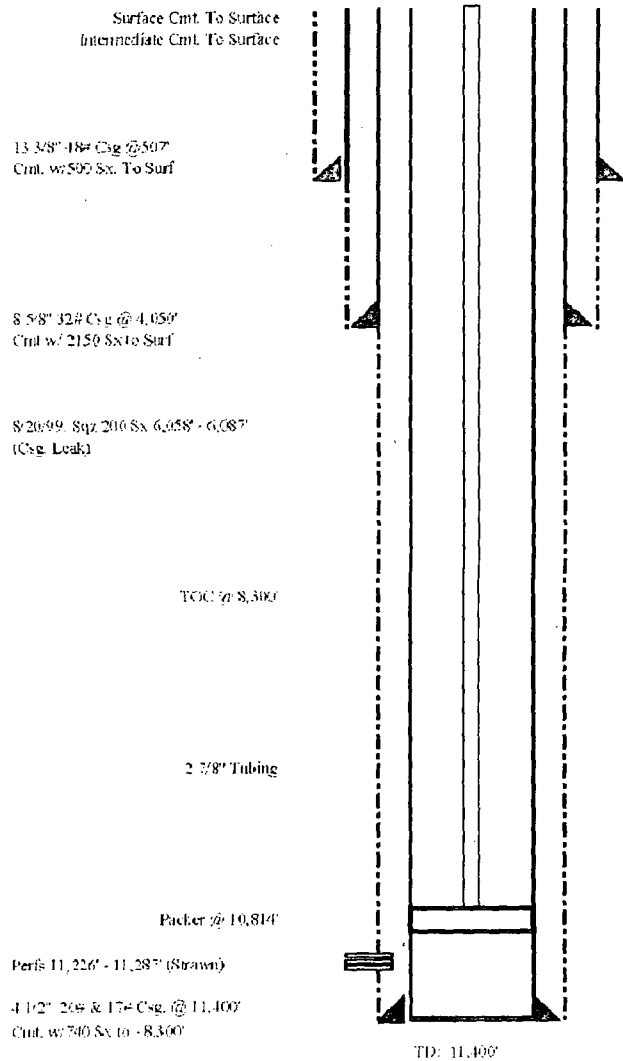


Figure 2-7: Delhi Federal 001 Schematic

CURRENT COMPLETION

TD: 9.580'

Figure 2-8: SL Deep Federal 003 Schematic

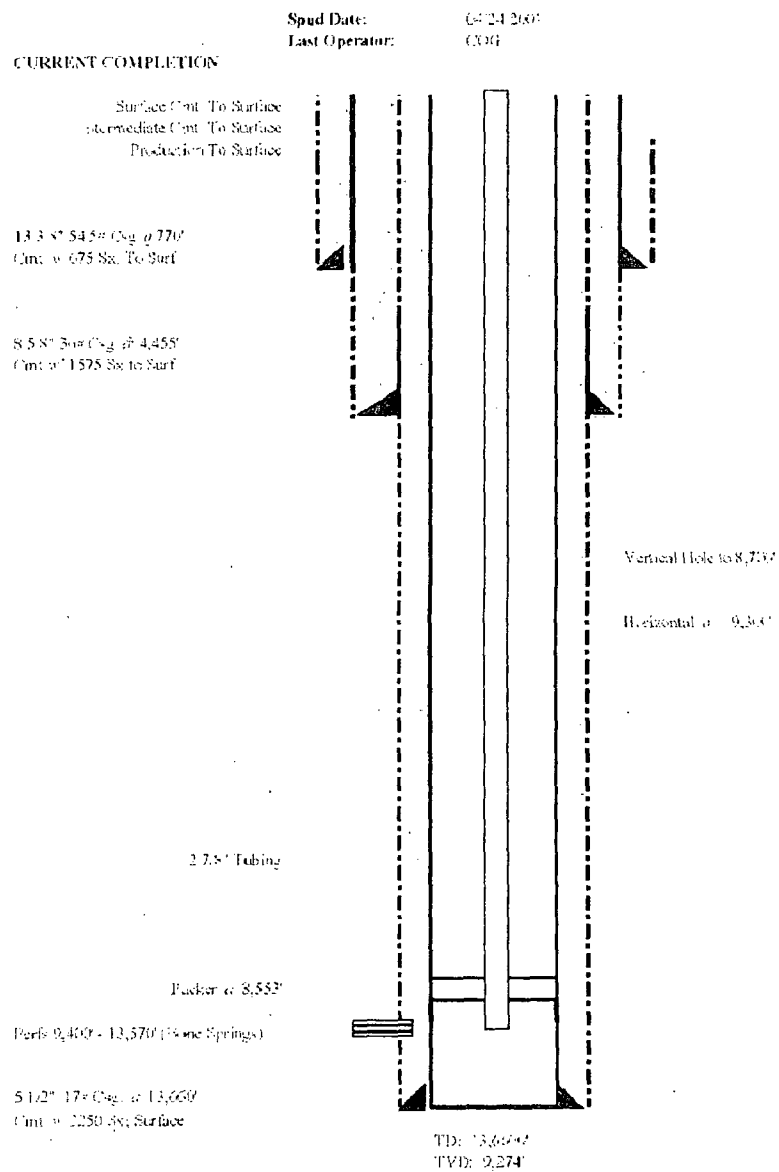


Figure 2-9: Lusk Deep Unit A 024H Schematic