Lantiser accēptēd for record 35. LIST OF ATTACHMENTS

2 of #26 above and Daily Well History

SIGNED

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records JUL 2 10 19833

*(See Instructions and Spaces for Additional Data on Reverse Side)

FARMINGTON RESOURCE AREA FARMINGTON, NEW MEXICO 5MM

TITLE Operations Manager

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on Items 22 and 24, and 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Hem 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consuit local State or Federal office for specific instructions.

Hem 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Hems 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Hem 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Hem 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

NO CORES AND NO DST's NAME NA	DEPTH INTERVAL TE	DEPTH INTERVAL TESTED, CUSHION I	SED, TIME TOOL OPEN, E	SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES	38. GEOLOG	GEOLOGIC MARKERS	
NO CORES AND NO DST's Upper Gallup 1113' Lower Gallup 1223'	FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		TOP	
NO CORES AND NO DST's Upper Gallup Lower Gallup					Z > 2 5	-	TRUE VERT. DEPTE
NO CORES AND NO DST's Upper Gallup Lower Gallup							
Lower Gallup	NO CORES AND NO	DST's			Upper Gallup	1113'	
VICE 2 1983					Lower Gallup	1223'	
OON, DIV.	, ř						
N. DIV.							
	.983 .VIG .	·		••			

28. CASING CEMENTING RECORD:

13-3/8" casing cemented with 55 sx Class "B" + 3% CaCl (yield 1.17 cu.ft./sx. - 64.35 cu.ft.). Approximately 1 bbl. to surface.

8-5/8" casing cemented with 5 bbls. water, 125 sx Class "B" w/ 2% CaCl_ & 1/4#/sx flocele and displaced with 8 bbls. water (yield 1.18 cu.ft./sx. - 147.5 cu.ft.). Circl 9 bbls to surface.

5-1/2" casing cemented with 20 bbls mud sweep (4 stage) and followed with 85 sx Class "B" + 12-12/#/sx gilsonite & 6% gel & 0.6% D-31 (yield 1.96 cu.ft./sx. - 166.6 cu.ft.); followed by tail of 125 sx Class "B" & 2% CaCl₂ & 1/4#/sx flocele (1.17 cu.ft./sx.- 146.25 cu.ft.). Recovered all 20 bbls mud flush and 9 bbls lead cement slurry @ surface.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

1238' - 1260'	Spotted 500 gals 15% HCL
1238' - 1260'	39 bbls pre-pad, 48 bbls pad, 100 bbls 2% KCL water and 12,200# $10/20$ mesh sand
1238' - 1260'	48 bbls pad, 115 bbls 2% KCL water, 29 bbls flush and 21,200# $10/20$ mesh sand
1128' - 1140'	Spotted 500 gals 15% HCL
1128' - 1140'	47 bbls pre-pad, 72 bbls pad, 144 bbls 2% KCL water and 18.250# 10/20 mesh sand



6/3/83	Drld conductor hole w/auger, ran & cmtd 25-1/2' of 13-3/8", 61#/ft, K-55,
0/ 3/ 03	cut-off conductor csg w/the btm @ 24' GL. Strtd MI RU Aztec Rig #56.

Day-3 (1350') - Sht trip before logging. (8-5/8 @ 156) 6/4-6/83 1350 Fin RU Aztec #56. NU diverter. Drld rat & mouse hole. SPUD 12-1/4" hole @ 1815 hrs 6/3/83. Drld & surveyed to 160'. 1 BPM wtr flw f/35-60'. Flw died. Had tr oil. POH. Ran 4 jts 8-5/8", 24#, K-55, ST&C. Landed @ 156'. Cmtd w/5 BW, 125 sx Cl "B" w/2% CaCl2, 1/4#/sx Flocele. Circ 9 bbls slurry to surf. Flt held. CIP 0630 6/5/83. WOC. NU wellhd. Tst BOP to 1100 psi (held OK). Drld out ant & shoe. Drld & surveyed to PD. Circ f/logs. Pull 10 std sht trip. Surveys: 1° @ 65', 1/2° @ 95', 3/4° @ 155 & 446', 0° @ 737', 1/4° @ 1046'.

> (8-5/8 @ 156)PBD: 1305' (FC) - WOC. Fin sht trip & hole in gd cond. Wellex ran DIL/GR/Calip & FDC/CNL. RIH w/bit, circ & cond hole & POH. Ran 23 jts 5-1/2", 14#, K-55, STC (1394' LF) w/shoe @ 1350' GL & FC @ 1305' GL. BJ cmtd csg w/85 sx Cl "B" d 12-1/2#/sx gilsonite + 6% gel + 0.6% D-31 mixed @ 12.9 ppg foll'd \overline{b} y 125 sx Cl "B" + 2% $CaCl_2$ + 1/4#/sx Flocele mixed @ 15.6 ppg. Full returns thruout antg oprn & circ approx 9 bbls ant slurry to surf.

PBD: 1305' (FC) - WO Completion. (5-1/2" @ 1350') Day-5 Set slips, cut off csg @ 12" above 8-5/8" flange. NU ERC tbghd & press tstd to 1000 psi. RR 0945 hrs 6/7/83. (Drop f/report until completion commences.)

PBD: 1305' - Prep to perf & frac Gallup. MI RU CU 6/20/83. NU BOPs. PU 4-3/4" bit & csg scraper & RIH on 2-7/8" tbg. Tag btm @ 1311' GL. Displ'd csg w/30 BW w/2% KCl. POH. RU Welex & run CBL 1306' to surf (poor quality). WOO. (Dropped f/report of 6/8/83.)

PBD: 1305' - Prep to CO frac fld. Tstd csg to 2000 psi & Welex perf'd Lwr Gallup 1238-1260' @ 2 SPF w/4" csg gun. RIH w/2-7/8" tbg to 1275, sptd 500 gals 15% HCl & POH. Frac stimulated Lwr Gallup @ 20 BPM avg w/850 psi & 2300 psi max. Began screen out after 20 bbls of 4#/gal sd fld were pmpd.

> OIL CON, D.V. DIST. 3

1350 6/7/83

1350 6/8/83

1350 6/21/83

6/22/83 1350 6/23/83 1350

Day-3 PBD: 1305' - Prep to RIH & CO after frac. RIH w/tbg. Tagged sd @ 1062'. CO to PBTD & POH. RU Nowsco to frac lwr Gallup (perfs 1238-1260') w/low residue cross-linked 30#/1000 gal gel & 10/20 sd. Pmpd 30 bbl 2% KCl prepad foll'd by 192 bbl frac fld & 21,200# sd @ avg 20 BPM w/1100 psi to 800 psi. Began screen out after pmpg 20 bbls of 5 ppg slurry - SD. Pmpg w/ISIP 350 psi. RD Nowsco. SWIFN.

6/24/83 1350

Day-4 PBD: 1200' w/RBP - Prep to frac upper Gallup.

RIH w/ 2-7/8" tbg & tag sd @ 1070' GL. CO to PBTD @ 1311' GL. Set Bkr "C" RBP @ 1200' & tstd to 2000 psi - OK. RU Welex & perf'd 1128-1140' w/ SPF & 4" guns (ref Welex Dualguard log on 6/6/83). RIH w/tbg to 1311' w/o tagging RBP. RIH w/retrieving hd & Bkr FB pkr. Latched & pld on RBP. POH to 1200' & set pkr. Tstd to 2000 psi - OK. SWIFN.

6/25-27/83 1350

Day-6 PBD: 1326' - WO flwline, pmpg unit & electricity f/pmp tst. With RBP @ 1200' & pkr @ 1155', spt l bbl 15% HCl across Gallup perfs 1128-1140'. POH w/pkr & set @ 1120'. Pmpd 2% KCl wtr f/brkdn @ 2800 psi, then pmpd KCl wtr @ 3 BPM w/900 psi. PI 500 gals 15% HCl, displ'd w/7 BW. Press csg & tbg 2000 psi - OK - bld off. POH w/tbg. RU to frac dn csg. Frac upper Gallup perfs 1128-1140' w/lo-residue, X-link 30#/1000 gal gel & 10/20 sd as foll: 47 bbls 2% KCl pre-pad, 72 bbls pad, 21 bbls w/1#/gal, 24 bbls w/2#/gal, 27 bbls w/3#/gal, 54 bbls w/4#/gal, 18 bbls w/5#/gal - to screenout. MP 2300 psi, avg press 830 psi, avg rate 20 BPM. RD Nowsco. SI rams & SWIFN. RIH w/RBP retr tool on tbg. Tag sd @ 375', CO to RBP @ 1200'. Latch & POH w/RBP. RU Welex & run GR tracer survey 1310-1021'. RIH & perf 1149-1155' w/2 SPF w/4" csg gun. RD Welex. RIH w/2-7/8" tbg, rods & pmp. SD & WO pmpg equip.

6/28/83 1350

Day-6 PBD: 1326' - Instl'g surf prod equip.

RR to HSG #299.

6/29/83 1350

Day-6 PBD: 1326' - WO production.

(Drop f/report until production is established.)

/7/83 1350

FINAL REPORT - COMPLETED OIL WELL, 7/6/83.

3 days 24 hr tstd @ 10 BOPD avg & 153 BWPD w/2" plunger, 10 SPM & 86" stroke.

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