Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT-" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.: SF-080210-A
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME:
8. FARM OR LEASE NAME: MALCO COPPLEA
9. WELL NO.: 1
10. FIELD AND POOL, OR WILDCAT: VERDE GALLUP
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SEC 4 T 30N R15W NMPM
12. COUNTY OR PARISH: SAN JUAN
13. STATE: NM

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: H & S PRODUCTION

3. ADDRESS OF OPERATOR: 339 U.S. HWY 64 NBU 3002 FARMINGTON, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 660' N 1980' W SECTION 4: N2 containing 320 ACRES, SAN JUAN COUNTY, NEW MEXICO. TOWNSHIP 30 NORTH, RANGE 15 WEST, NMPM

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5445

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF [ ]	PULL OR ALTER CASING [ ]	WATER SHUT-OFF [ ]	REPAIRING WELL [X]
FRACTURE TREAT [ ]	MULTIPLE COMPLETE [ ]	FRACTURE TREATMENT [ ]	ALTERING CASING [ ]
SHOOT OR ACIDIZE [ ]	ABANDON* [ ]	SHOOTING OR ACIDIZING [ ]	ABANDONMENT* [ ]
REPAIR WELL [X]	CHANGE PLANS [ ]	(Other)	
(Other)		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

6-6-90 Squeeze hole in pipe @ 3417 with 75 sacks Class "G" neat, 186 cu. ft. As per attached Report

RECEIVED
JUL 18 1990
OIL CON. DIV.
DIST. 3

18. I hereby certify that the foregoing is true and correct

SIGNED Roy Mills TITLE Part-Owner DATE 6-7-90

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD
JUL 16 1990
FARMINGTON RESOURCE AREA
BY _____

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes 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.

CEMENTING SERVICE REPORT

DS-496 PRINTED IN U.S.A

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER 13-06-3060 | DATE 6-6-90

STAGE | DS DISTRICT Farmington.

WELL NAME AND NO. MALCO Copple 1-A | LOCATION (LEGAL) Sec 4 T30N R15W

FIELD/POOL ~~Hosstoe~~ Horse Shoe | FORMATION Gallup.

COUNTY/PARISH San Juan. | STATE N. Mex | API. NO.

NAME H & S Production.

AND

ADDRESS

ZIP CODE

RIG NAME: Cable Tool Unit. (DeVilbiss)

WELL DATA		BOTTOM			TOP
BIT SIZE	CSG/Liner Size	5½			
TOTAL DEPTH	WEIGHT	15.5			
☐ ROT ☐ CABLE	FOOTAGE				
MUD TYPE	GRADE		Liner Top.		
☐ BHST ☐ BHCT	THREAD				
MUD DENSITY	LESS FOOTAGE SHOE JOINT(S)				TOTAL
MUD VISC.	Disp. Capacity				

NOTE: Include Footage From Ground Level To Head In Disp. Capacity

Float TYPE		Stage Tool TYPE	
Float DEPTH		Stage Tool DEPTH	
SHOE TYPE		Stage Tool TYPE	
SHOE DEPTH		Stage Tool DEPTH	

SPECIAL INSTRUCTIONS Liner top at 3571. displace 5½ plug to Same. - note Hole CSG Around 3000'. Mix 75SX + pump. Hole at 3417. displace w/ 79¾ BBLS. Water

Head & Plugs	☑ TBG ☐ D.P.	SQUEEZE JOB	
☐ Double	SIZE 2⅜	TOOL TYPE	
☐ Single	☐ WEIGHT 4.6	TOOL DEPTH	
☑ Swage	☐ GRADE	TAIL PIPE: SIZE	DEPTH
☐ Knockoff	☐ THREAD 8 Rd	TUBING VOLUME	Bbls
TOP ☐R ☐W	☐ NEW ☑ USED	CASING VOL. BELOW TOOL	Bbls
BOT ☐R ☐W	DEPTH 44.	TOTAL	Bbls
		ANNUAL VOLUME	Bbls

IS CASING/TUBING SECURED? ☐ YES ☑ NO Collar AGAINST packoff

LIFT PRESSURE PSI | CASING WEIGHT – SURFACE AREA (3.14 × R²)

PRESSURE LIMIT 1000 PSI | BUMP PLUG TO PSI

ROTATE — RPM | RECIPROCATE — FT | No. of Centralizers —

JOB SCHEDULED FOR TIME: 0900 DATE: 6-6-90 | ARRIVE ON LOCATION TIME 0815 DATE: 6-6-90 | LEFT LOCATION TIME: DATE:

TIME (0001 to 2400)	PRESSURE TBG OR D.P.	PRESSURE CASING	VOLUME PUMPED BBL INCREMENT	VOLUME PUMPED BBL CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
815-900								PRE-JOB SAFETY MEETING + Rig up - WAITE ON H2O TRUCK
0945		60			1.5	H2O	8.3	Drop 5½ plug down 5½ CSG - Pump
0948		600		1.9	"	"	"	Shut down - Back side leaking
0950			1.9		2.9	H2O	8.3	Continue to pump.
1013		570	60	58.1	2.9	"	"	Shut down out of water - #2 H2O TK hose
1212		460				H2O	8.3	Start water (water + KCL)
1219		540	86			"	"	Shut down.
1254								Rig Tog plug at 3417'
1312		230		2	2.9	H2O	8.3	pump water Ahead
1314		530			2.8	C/G	15.8	Start Cement
1319		420		15	2.8	"	"	End Cement Wash line. Remove packoff drop plug
1333		130			2.9	H2O	8.3	Start displacing (Took 40 BBLS to catch
1403		610			2.7	"	"	End displacement.
1408		300						Shut in bleed off PSI.
								Rig down + clean up.

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS	SLURRY MIXED BBLS	SLURRY MIXED DENSITY
1.	~~75~~	1.15	C/G Neat. 86 cuft ~~5 Yield~~	10.2	15.8
2.					
3.					
4.					
5.					
6.					

BREAKDOWN FLUID TYPE | VOLUME | DENSITY | PRESSURE MAX. 610 MIN: 60

☐ HESITATION SQ. ☐ RUNNING SQ. | CIRCULATION LOST ☐ YES ☐ NO | Cement Circulated To Surf. ☐ YES ☐ NO Bbls

BREAKDOWN PSI | FINAL PSI | DISPLACEMENT VOL Bbls | TYPE OF WELL ☑ OIL ☐ GAS ☐ STORAGE ☐ INJECTION ☐ BRINE WATER ☐ WILDCAT

Washed Thru Perfs ☐ YES ☐ NO | TO FT | MEASURED DISPLACEMENT ☐ WIRELINE

PERFORATIONS TO Hole 3417 TO | TO TO

CUSTOMER REPRESENTATIVE

DS SUPERVISOR V. Villanueva