NN OIL COMS. COMMISSION

Drawer Bubmit in TRILLATE.

Artabia, (Other Instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

UNITED STATES Artista DEPARTMENT OF THE INTERIOR

DATE 7/25/83

NM-0554966

	EX OF TRIPE NAME			
DEEPEN PLOTE BACK TO DIT AGREEMENT TO DIT AGR	-D OE ARIDE RAME			
NAME OF OPERATOR ADDRESS OF OPERATOR 3000 N. Garfield, Suite 120 Midland At surface 1900' FNL & 990' FEL At proposed prod. zone Same 4. DISTANCE FROM PROPOSED LOCATION TO NEAREST TOWN OR POST OFFICE* DISTANCE FROM PROPOSED LOCATION TO NEAREST TOWN OR POST OFFICE* DISTANCE FROM PROPOSED LOCATION TO NEAREST TOWN OR POST OFFICE* DISTANCE FROM PROPOSED LOCATION* (Also to nearest diffe, unit line, if any) 8. DISTANCE FROM PROPOSED LOCATION* AND SURVEY OR 16. NO. ON STARES MELLOND. OR ACRES ABSIGNED TO THIS WELL 400 40 20. ROTABY OR CABLE TOOLS ROTARY 11. SEC., T., B., M., OR AND SURVEY OR 12. COUNTY OR PARIS Chaves 12. COUNTY OR PARIS Chaves 14. DISTANCE FROM PROPOSED LOCATION* (Also to nearest diffe, unit line, if any) 8. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DOUBLELING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1300' 11, 200' ROTARY 22. APPROX. DATE W AUGUST 1, 1 3. PROPOSED CASING AND CEMENTING PROGRAM SIZE OF HOLE SIZE OF CASING WEIGHT PER POOT SETTING DEPTH QUANTITY OF CEM AUGUST 1, 1 7. 1/2" 13 3/8" 48# 500' 550 Sx Class "C" C 11" 8 5/8" 24 6.32# 3,000' 1400 Sx "HL" & 300	MAMS			
Hilliard Oil & Gas, Inc. ADDRESS OF OPERATOR 3000 N. Garfield, Suite 120 Midland At Suiter (Report location clearly and in accordance with any part of the suiter of the	AWR			
ADDRESS OF OPERATOR 3000 N. Garfield, Suite 120 Midland Location of well (Report location clearly and in accordance with any life requirements) At surface 1900' FNL & 990' FEL At proposed prod. zone Same 1. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE' 25 miles east of Hagerman, NM 25 miles east of Hagerman, NM 26 DISTANCE FROM PROPOSED' LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 300' LOCATION FROM PROPOSED LOCATION' TO NEAREST WELL, DIRLLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1300' 19. PROPOSED DEPTH TO NEAREST WELL, DIRLLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1300' 11, 200' Rotary 20. ROTARY OR CABLE TOOLS ROTARY August 1, 1 PROPOSED CASING AND CEMENTING PROGRAM SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH QUANTITY OF CEMENT OF THE PROPOSED SETTING DEPTH TO THIS WELL TO SETTING DEPTH TO THE SET OF SETTING D	al			
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7 7/8" 5 1/2" 17# 11,200' 500 Sx Class "C"	1400 Sx "HL" & 300 Sx "C" Circ			
1ud Program: 0' - 500' Spud mud, FW, Gel. 500' - 3,000' Brine and native mud, mud wt. 9.2-10.2 ppg, Vis 30-3 3,000' - 9,000' Cut brine, native mud, gel, mud wt. 9.4-9.6#, Vis. 3 No WL control. 9,000' - 11,200' Salt water based mud system, mud wt. 9.6-9.8#, Vis. Water loss control 20cc or less.	0-34,			
OP Program:				
Blowout Preventers will consist of:				
1 - Shaffer LWS Hydraulic double 10" x 1500 series.				
1 - Shaffer Spherical 10" x 1500 series.				
The blowout preventers will be tested daily. See Exhibit "D".				
The blowout preventers will be tested daily. See Exhibit "D". IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and propose in the proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical deport of the proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical deport of the proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical deport of the proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical deport of the proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical deport of the proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical deport of the proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical deport of the proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical deport of the proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical deport of the proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical deport of the proposal is to drill or deepen directionally give pertinent data on subsurface locations and measured and true vertical deport of the proposal is to drill or deepen directionally give pertinent data on subsurface locations and deepen direction data or deepen direction da	ths. Give blowe			
Agent for: BIGNED DECEMBER Smith TITLE Hilliard Oil & Gas, Inc. DATE July (This space for Federal or State office use)	6, 1983			

TITLE

TIL CONSERVATION DIVISION

P. O. DOX 2088

Form C-102 Rev1sed 10-1-78

SANTA FE, NEW MEXICO 87501

ENERGY AND MINERIA		A11 Misterion #	be less	n the out	er heus	deelee el s	ihe Section.	•	
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this form if no	ccessary.)		.:1 - 11 ::	-1	e baye	heen c	onsolidat	ed (by con	munitization, unitization, approved by the Division.
					1 7				CERTIFICATION
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AUG 1 1983
MORUS OFFICE

DRAWWORKS

Emsco GB-800

Drum: 1¼" Lebus grooved

Compound: 2-engine oil bath chain drive Brake: Hydromatic Parkersburg 46" Double

ENGINES

Two 610-H.P. D379TA Caterpillar Diesel

DERRICK

Lee C. Moore, 131', 550,000 lb. nominal capacity

SUBSTRUCTURE

Lee C. Moore, 15' high, 550,000 lb. nominal capacity

MUD PUMPS

Pump No. 1: Emsco DB700. 700 H.P. with steel fluid end. $4\frac{3}{4}$ " - $7\frac{3}{4}$ " liners, 16" stroke. Compound-driven.

Pump No. 2: Emsco DA500, 500 H.P. powered by 400 H.P. D353 Caterpillar Diesel.

DRILL STRING

3000' 4-1/1" Grade E, 20 lb. Tool Joints: 4½" H-90, 6½" OD, 12000' 4½" Grade E, 16.60 lb. Tool Joints: 4" H-90, 6" OD

Thirty Drilco spiral-grooved 6½" OD, 2¼" ID. With 4" H-90 Joints.

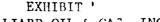
Other sized drillpipe & drillcollars available.

BLOWOUT PREVENTERS

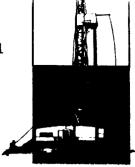
One Shaffer LWS Hydraulic double 10" x 1500 series. One Shaffer Spherical 10" x 1500 series. Choke manifold 4" x 1500 series flanged connections. Payne 4 valve accumulator closing unit.

MUD SYSTEM

 $3-30 \times 7\frac{1}{2} \times 6$ steel pits, with 700 Bbl. capacity. Complete low pressure circulating system, consisting of four submerged mud guns and two counter sunk jets in each pit. System utilizes a 6×8 centrifugal pump, powered by diesel.



HILLIARD OIL & GA3, INC. Harris Federal, Well No. 1 BOP Spec. and Rig Layout for Moranco Rig No. 2



MORANCO RIG 2 9,000-15,000'

MUD HOUSE

1 - 8' x 30' Steel Storage House

COMMUNICATIONS

24-Hour direct telephone interconnection through Hobbs (A.C. 505-397-3291) or Midland - Odessa (A.C. 915-563-0562).

OTHER EQUIPMENT

BLOCKS - McKissick 350 Ton

HOOK - BJ4300 350 Ton

SWIVEL - Oilwell PC 425 Ton

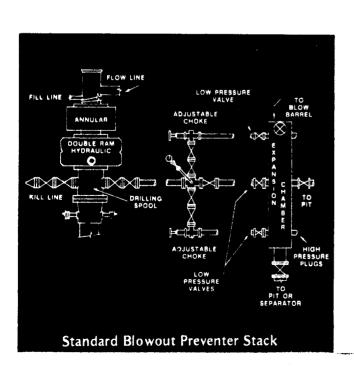
LIGHT PLANTS — One 40 KW and one 20 KW AC generators, powered by diesel engines.

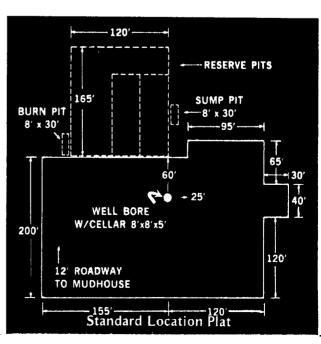
LIGHTS – AC fluorescent or mercury – All vapor proof.

SHALE SHAKER - Link belt, single screen.

FRESH WATER STORAGE – two 500 Bbl., horizontal tanks.

HOUSING – 1 - 8' x 36' airconditioned trailer house, with sleeping and cooking facilities.





AUG 1 1983
MORAS OFFICE

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