

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter abandoned wells. Use form 3160-3 (APD) for such proposals.

Lease Serial No.
M68084

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
STATION SWD 19. API Well No.
30-025-43473-00-X110. Field and Pool or Exploratory Area
SWD11. County or Parish, State
LEA COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original A
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PD

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Mesquite SWD, Inc. respectfully requests permission to use a 2M BOP system to drill the surface hole instead of a 3M BOP system as approved in the original APD. BOP diagram is attached.

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

Electronic Submission #419184 verified by the BLM Well Information System
For MESQUITE SWD INCORPORATED, sent to the Hobbs
Committed to AFMS for processing by PRISCILLA PEREZ on 05/08/2018 (18PP0998SE)

Name (Printed/Typed) MELANIE WILSON

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 05/07/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

/s/ Jonathon Shepard

Approved By

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Petroleum Engineer
Carlsbad Field Office

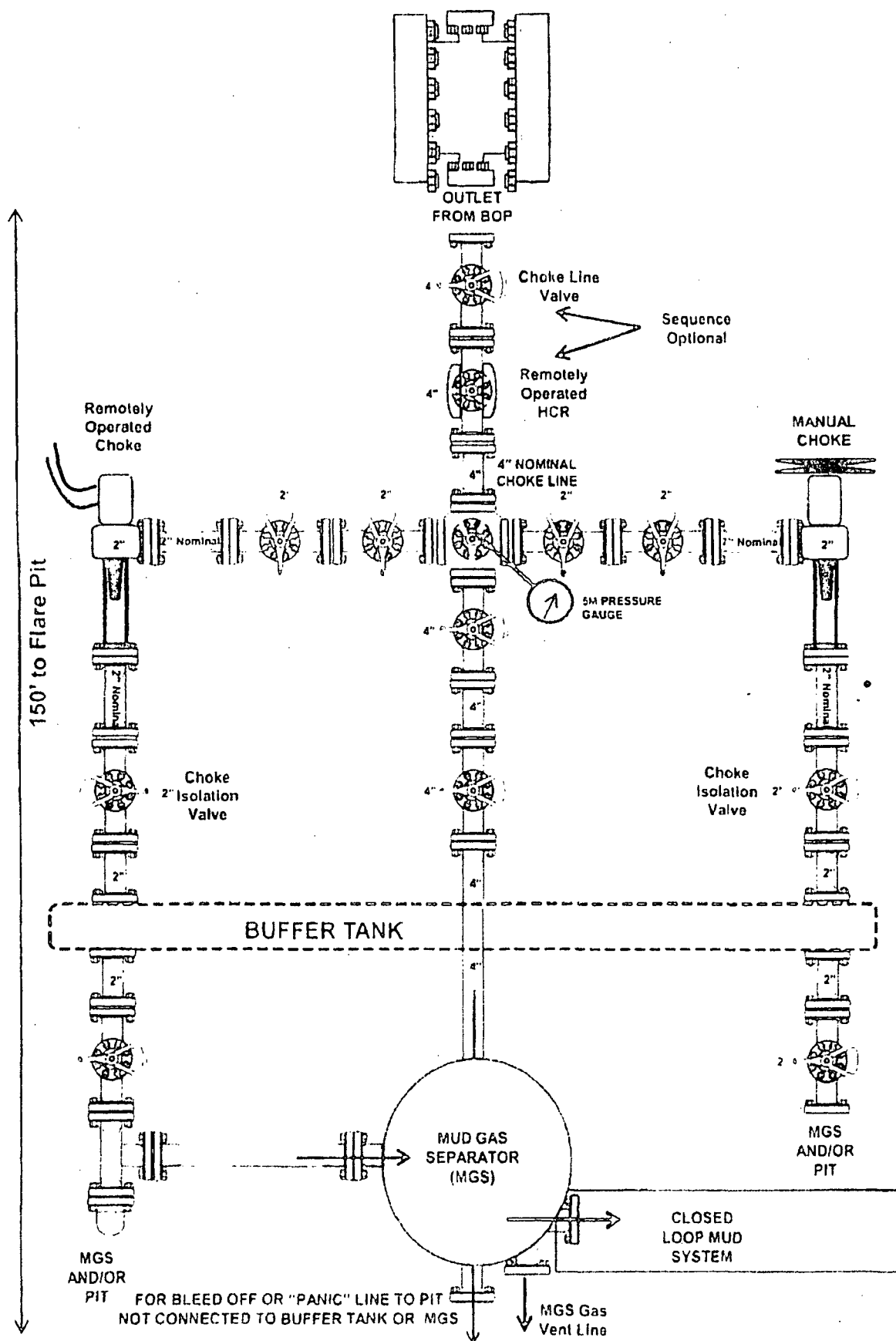
JUL 12 2018

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

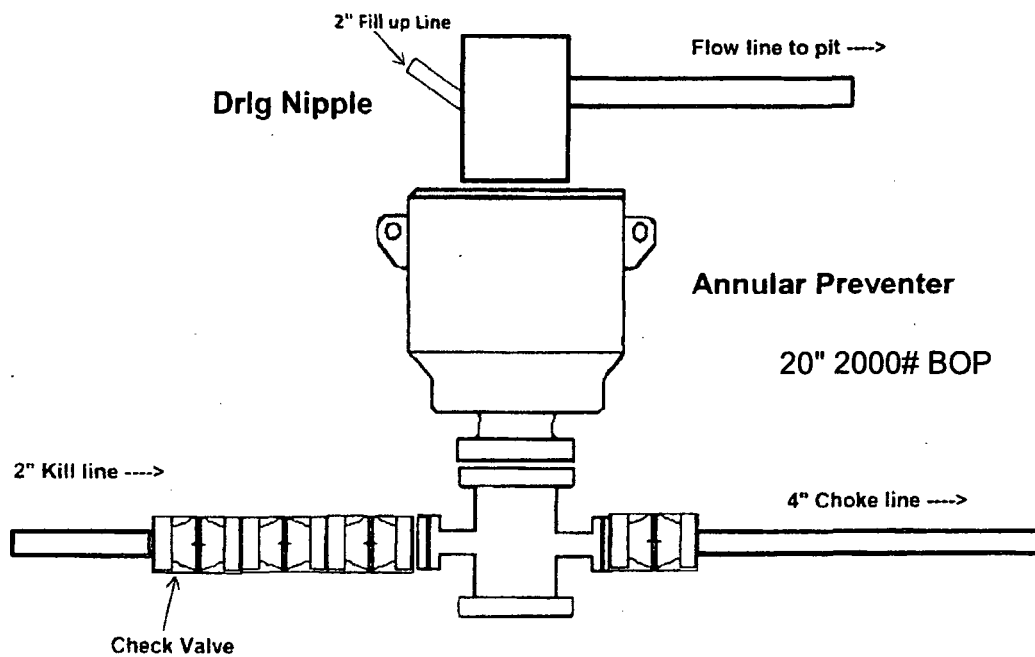
(Instructions on page 2)

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

2M Choke Manifold Equipment (WITH MGS + CLOSED LOOP)



2,000 psi BOP Schematic



CONDUCTOR (1st Dia)				Volume Factors			
These values will adjust to surface hole size. Override the default entries if need be.				ft/bbl	bbl/ft	ft/cu ft	cu ft/ft
Conductor Hole:	36	inches	Hole:	0.7943	1.2590	0.1415	7.0686
Length Conductor Csg:	60		Conductor Csg In	2.5995	0.3847	0.4630	2.1598
from K.B., depth Cond Csg:	60						
O. D. of Conductor Casing:	30		I. D. of Conductor:	29	1.2240	0.8170	0.2180
Weight/foot:	157.55						4.5869
Grade (Alpha Desg):	X		CASING				
Grade (yield/sq.in.):	42		OD Cplg	Body	Joint	Collapse	Burst
Cplg #:	33		inches	(1000 lbs)	(1000 lbs)	(psi)	(psi)
			30.000	1.946	1.946	220	1.220
Drilling w/Air ?	Read comment. ^						
Work yellow cell entries from here.	SURFACE	INTERMEDIATE	PRODUCTION	LINER			
	9.00	10.20	9.40	13.00			
Start w/Operators Mud Wt:	8.40	9.80	9.00	8.10			
Onshore Order 2.B.: "Casing design shall assume formation pressure gradients of 0.44 to 0.50					9.63	=MudWt @0.50psi/ft	
SURFACE (2nd Dia)	psi per foot for exploration wells (lacking better data):				8.47	=MudWt @0.44psi/ft	
<< Calc rows hidden are indicated by numbers out of sequence			1st Csg	2.3343	0.4284	0.4158	2.4053
If dimensions=# N/A Read Comment Here			1st Csg	3.7298	0.2681	0.6643	1.5053
1st Hole I. D. inches:	26	inches	Min ID: 18.73	ft/bbl	bbl/ft	ft/cu ft	cu ft/ft
Measured Hole Length:	800		Avg I.D.: 18.73				
			(A) Csg	18.730	2.9344	0.3408	0.5226
1st Csg Outside Dia:	20						1.9134
Weight/foot:	133.00		EVALUATION				
Grade (Alpha Desg):	K		OD Cplg	Body	Joint	Collapse	Burst
Grade (yield/sq.in.):	55		inches	(1000 lbs)	(1000 lbs)	(psi)	(psi)
Coupling #:	4		21.00	2.125	2.123	1.500	3.060
Top "A" Length of 1st Csg:	300		O.K.	O.K.	O.K.	O.K.	O.K.
Measured Length (end of A):	800		(A)	2.50	19.97	19.95	4.01
Segment "A" O.O.2.III.B.h. csg 1500							1.37
DV Tool ? Enter depth:			(B) Csg	18.730	ft/bbl	bbl/ft	ft/cu ft
Measured Lgth to	760		1 Stage Cmt				cu ft/ft
Shoe Jt Lgth:	40		sx	yield	SURFACE (2nd Dia)		
Meas dist to Shoe:	800		1125	1.91	last lead	Csg/Hole ft:	1427
Length of	800		200	1.34	Tail	Csg/Hole ft:	178
Open Hole past	0		60		Ft Overlap above prev shoe	min sfc csg test psig: 1,500	
					81 % excess cement proposed		
BOPE:	2M						
1,311 MASP							