٩					
•	Form 3160-3 (August 1999) UNITED STA	OCD-HO	BBS	FORM APPR OMB No. 100 Expires Novembe	4-0136
٢	DEPARTMENT OF T BUREAU OF LAND M	LANAGEMENT	K-04-76	5. Lease Serial No. NMNM54882	
		O DRILL OR REI	· \	6. If Indian, Allottee or Tribe	Name
l	1a. Type of Work: DRILL REENTER	CONFID		7. If Unit or CA Agreement,	
	1b. Type of Well: 🖌 Oil Well 🛛 Gas Well 🗖 Oth		e Zone 🔲 Multiple Zone	 Lease Name and Well No. WYNELL FEDERAL 9. API Well No. 	5 300117
	2. Name of Operator Contact: Contact: CHESAPEAKE OPERATING INC /47/79	LINDA GOOD E-Mail: Igood@chkenergy.	.com	9. API well No. 30. 025.31	065
	3a. Address P O BOX 18496 OKLAHOMA CTIY, OK 73154	3b. Phone No. (include Ph: 405.767.4275 Fx: 405.879.9583		10. Field and Pool, or Explor TONTO; Seven K	atory Wers
	4. Location of Well (Report location clearly and in accorda	nce with any State requi	irements.*)	11. Sec., T., R., M., or Blk. a	ind Survey or Area
	At surface SWNE 1800FNL 2010FEL At proposed prod. zone			Sec 15 T19S R33E M SME: BLM	ler NMP
	14. Distance in miles and direction from nearest town or post of	office*		12. County or Parish LEA	13. State NM
	 Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 	16. No. of Acres in Le	ease	17. Spacing Unit dedicated 1 40.00, 277.829.30	o this well
	 Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 	19. Proposed Depth 3900 MD		20, BLM/BIA Bond No. on	file for the second se
	21. Elevations (Show whether DF, KB, RT, GL, etc. 3667 GL	22. Approximate date	work will start	23. Estimated duration 8	。 、 、 、 、 、 、 、 、 、 、 、 、 、
		24. Atta	achments Caeffan	Confected Water Basi	6) 8,0
	The following, completed in accordance with the requirements of	of Onshore Oil and Gas C	Order No. 1, shall be attached to	this form 91 SI VI EL CV	7
	 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest Syst SUPO shall be filed with the appropriate Forest Service Of 	em Lands, the fice).	Item 20 above).	ions unless covered by an existir nformation and/or plans as may	
	25. Signature (Electronic Submission)	Name (Printed/Typed) LINDA GOOD)		Date 08/31/2004
	Title AUTHORIZED REPRESENTATIVE	<u></u>			
	Approved by (Signature) /s/ Joe G. Lara	Name (Printed/Typed)	/s/ Joe G. Lar	<u>a</u>	Date JAN 1 9 2005
Δ.	Title FIELD MANAGER Application approval does not warrant or certify the applicant h		RLSBAD FIELD		
RU	Application approval does not warrant or certify the applicant h operations thereon. Conditions of approval, if any, are attached.	olds legal or equitable tit		Dease which would entitle the ap	
	Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, States any false, fictitious or fraudulent statements or representa	make it a crime for any patients as to any matter wi	person knowingly and willfully ithin its jurisdiction.	to make to any department or a	gency of the United
	Additional Operator Remarks (see next page) Electronic Submis For CHE Committed to AFMSS for	SAPFAKE OPERAT	d by the BLM Well Info TING INC, sent to the H INDA ASKWIG on 08/31	lobbs /2004 (04LA0329AE)	KE
			GENE SPEC	Oval Subject T(Ral Requirement Ial Stipulations	its a nd S
	** BLM REVISED ** BLM R	EVISED ** BLM R	REVISED ** BLM REVI	SED BLM REVISED	**

30.025.37065

.

Additional Operator Remarks:

.

.

Chesapeake Operating, Inc. proposes to drill a well to 3900' to test the Seven Rivers. If productive, casing will be run and the well will be completed. If dry, the well will be plugged and abandoned as per BLM and New Mexico Oil Conservation Division requirements.

Attached please find the Surface Use Plan, Drilling Plan, and attachments as required by Onshore Order No.1. A general rig plat is attached as Exhibit D. A final rig plat will be submitted prior to spud once a rig is assigned.

Please be advised that Chesapeake Operating, Inc. is considered to be the operator of the above mentioned well. Chesapeake Operating, Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

DISTRICT 1 1625 N. French Br., Hobbs. NM 65240 DISTRICT 11 811 South First, Artesia, NM 58210

.

DISTRICT III

1000 Rio Brazos Rd., Asten, NH 07410

DISTRICT IV EDGG South Pacheco, Santa Fe, NM 87805

State of New Mexico

Energy. Minerals and Natural Resources Department

Form C-102 Revised March 17, 1999

Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

OIL CONSERVATION DIVISION 2040 South Pacheco

Santa Fe, New Mexico 87504-2088

D AMENDED REPORT

			WELL LC	CATION	AND ACREA	GE DEDICATI	ON PLAT	No.		
API 30.02	Number 5.370	065		Pool Code 59470		Into	Pool Name Seven	Livers		
Property 300//	Code			Ŵ	Property Nan YNELL "15"			Well Ni	mber	
ogred N 14717	0,		СНІ	and a set of the set of	Operator Nan	and a subset of the second	С.	Elevation 3667'		
					Surface Loc	والمرجب المعترفين المعارفين ومعاجر ومعاجر				
IL or lot No. G	Section 15	Township 19 S	Bange 33 E	Let idn	Peet from the 1800	North/South line NORTH	Feet from the 2010	Bast/West line	County LEA	
<u></u>		<u>de Chris</u>		Hole In	1	rent From Sur				
L or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feel from the	Bast/West line	County	
				ti suri Station ja					i spanske senor sen Traje	
						APPROVED BY	OPERAT	OR CERTIFICAT		
						a a a a a a a a a a a a a a a a a a a	I herel	ny centify the them	formation	
								n to true and tompt pledge and tytief.	sta taj tha	
	Ĵ		v				Kind	. 7/ /n/n	DE M	
		n System of the states					- Signaturo	FF.		
	1			3672.1'		1976 and 1977 and 19	Pristed Nam	e	18eno	
		Lot.: N32" Long.: W10				2010		<u>nkandr</u>	man_	
				3669.0	3668.9	е 1	Date			
				al de la sur angeles de la sur angeles La sur angeles de la s	in the second		SURVEY	OR CERTIFICAT	FION	
						81 4 - 82 -	on this plat u	y that the well locat as plotted from fiel	i notes of	
							supervison a	minds by me or mi that the some to he best of my bette	i i sun and	
						•		Y <u>09.</u> 2004	r dianatika P.J.	
	ار لغانیت میں نئے	نشب حبب ش	احت منظراعیت			n ya aya aya	Date Survey	ent Jones		
			· , · ·			an Alexandra (Alexandra) Alexandra A	Professions	A CA	N	
		ļ				a Maria da Aria Maria	NO	收到的	外	
						t e s	Cartification	Q No 1100	7977	
ing to a	14 14	n Na sa kata	e esta di centra di				(b) State 20 State Solid State Control and State State State	ASIN SURVEY		
							Later and the second	bit A-1		





and Party States

CONFIDENTIAL – TIGHT HOLE

Lease No. NMNM 54882

SURFACE USE PLAN Page 1

ONSHORE OIL & GAS ORDER NO. 1 Approval of Operations on Onshore Federal and Indian Oil and Gas Leases

1. EXISTING ROADS

- a. Existing county roads will be used to enter proposed access road.
- b. Location, access, and vicinity plats attached hereto. See Exhibits A-1 through A-4.

2. PLANNED ACCESS ROADS

- a. A new access road 561' in length and 14' in travel way width with a maximum disturbance area of 30' will be built in accordance with guidelines set forth in the BLM Onshore Orders.
- b. No turnouts are expected.
- c. In order to level the location, cut and fill will be required. Please see attached Well Location and Acreage Dedication Plat Exhibit A1-A4.
- d. A locking gate will be installed at the site entrance.
- e. Any fences cut will be repaired. Cattle guards will be installed, if needed.
- f. Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.
- g. Driving directions are from the Jct. of US Hwy 62 and 180 and Smith Ranch road, go North on the Smith Ranch road 2.1 miles to a "Y", go Left 1.6 miles NE to a "Y", go right 0.2 miles NE, then East 0.1 miles, then North 1.4 miles, then 0.3 miles West on Lease road to Wynell #3 and proposed road to location.
- 3. <u>LOCATION OF EXISTING WELLS WITHIN A 1-MILE RADIUS OF THE</u> <u>PROPOSED LOCATION</u> – see Exhibit B.

4. LOCATION OF PRODUCTION FACILITIES

It is anticipated that production facilities will be located on the well pad as product will be sold at the wellhead and/or tank battery. It is anticipated to hook to the Duke or Phillips Pipeline which runs on the north end of the well pad. – See Exhibit C

CONFIDENTIAL - TIGHT HOLE

Lease No. NMNM 54882

SURFACE USE PLAN Page 2

5. LOCATION AND TYPE OF WATER SUPPLY

Water will be obtained from a private water source. Chesapeake Operating, Inc. will ensure all proper notifications and filings are made with the state.

6. CONSTRUCTION MATERIALS

No construction materials will be used from Section 4-20S-33E. All material (i.e. shale) will be acquired from private or commercial sources.

7. METHODS FOR HANDLING WASTE DISPOSAL

A closed system will be utilized consisting of above ground steel tanks. All wastes accumulated during drilling operations will be contained in a portable trash cage and removed from location and deposited in an approved sanitary landfill. Sanitary wastes will be contained in a chemical porta-toliet and then hauled to an approved sanitary landfill.

8. ANCILLARY FACILITIES

None

9. WELLSITE LAYOUT

The proposed site layout plat is attached showing a generic rig plat with rig orientation and equipment location. See Exhibit D.

10. PLANS FOR RECLAMATION OF THE SURFACE

The location will be restored to as near as original condition as possible. Reclamation of the surface shall be done in strict compliance with the existing Oklahoma Corporation Commission regulations.

Backfilling leveling, and contouring are planned as soon as the drilling rig and steel tanks are removed. Wastes and spoils materials will be buried immediately after drilling is completed. If production is obtained, the unused area will be restored as soon as possible. The rehabilitation will begin after the drilling rig is removed.

11. <u>SURFACE & MINERAL OWNERSHIP</u> United States of America Department of Interior Bureau of Land Management

CONFIDENTIAL – TIGHT HOLE

Lease No. NMNM 54882

SURFACE USE PLAN Page 3

<u>GRAZING LEASE HELD BY:</u> Kenneth Smith, Inc. P.O. Box 764 Carlsbad, NM 88220

12. ADDITIONAL INFORMATION

A Class III cultural resource inventory report was prepared by Boone Archaeological Services, Carlsbad, New Mexico for the proposed location. A copy of the report has been sent to the BLM office under separate cover and is also attached for reference. See Exhibit E.

13. OPERATOR'S REPRESENTATIVES

Drilling and Completion Operations

Rob Jones District Manager P.O. Box 18496 Oklahoma City, OK 73154 (405) 810-2694 (OFFICE) (405) 879-9573 (FAX) rjones@chkenergy.com

Field Representative

Mike Whitefield 550 West Texas Ave. Midland, TX 79701 432-683-7443 (OFFICE) 432-685-4399 (FAX) mwhitefield@chkenergy.com

Regulatory Compliance

Linda Good Regulatory Compliance Analyst P.O. Box 11050 Oklahoma City, OK 73154 (405) 767-4275 (OFFICE) (405) 879-9583 (FAX) Igood@chkenergy.com

Drilling Engineer

David DeLaO P.O. Box 18496 Oklahoma City, OK 73154 (405) 767-4339 (OFFICE) (405) 879-9573 (FAX) (405) 990-8182 (MOBILE)

Asset Manager

Andrew McCalmont P.O. Box 18496 Oklahoma City, OK 73154-0496 405-879-7852 (OFFICE) 405-879-7930 (FAX) amccalmont@chkenergy.com

CONFIDENTIAL - TIGHT HOLE

Lease No. NMNM 54882

SURFACE USE PLAN Page 4

14. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this surface use plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed will be performed by operator (including contractors and subcontractors) submitting the APD, in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

By: J. Mark Cestr Date: <u>B/31/04</u>

CONFIDENTIAL – TIGHT HOLE Lease Contract No. NM 54882

DRILLING PROGRAM

Page 1

ONSHORE OIL & GAS ORDER NO. 1 Approval of Operations on Onshore Federal and Indian Oil and Gas Leases

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (CFR 43, Part 3160) and the approved Application for Permit to Drill. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling and completion operations.

Approval of this application 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.

1. FORMATION TOPS

The estimated tops of important geologic markers are as follows:

Formation	Depth	Subsea
Rustler Anhydrite	1460	2222
Tansill	3130	553
Yates	3252	431
Seven Rivers Sand	3567	116
Seven Rivers Main Pay	3642	40
TOTAL DEPTH	3900	

2. <u>ESTIMATED DEPTH OF WATER, OIL, GAS & OTHER MINERAL BEARING</u> FORMATIONS

The estimated depths at which the top and bottom of the anticipated water, oil, gas or other mineral bearing formations are expected to be encountered are as follows:

Substance	Formation	Depth
Oil/Gas	Seven Rivers	3567-3680

All shows of fresh water and minerals will be reported and protected.

3. BOP EQUIPMENT: 3,000# System

Chesapeake Operating, Inc.'s minimum specifications for pressure control equipment are as follows:

ONSHORE ORDER NO. 1 Chesapeake Operating, Inc. Wynell 15 Federal 5 1800 FNL 2010 FEL SW NE of Section 15-19S-33E Lea County, New Mexico

DRILLING PROGRAM

Page 2

I. BOP, Annular, Choke Manifold, Pressure Test - See Exhibit F-1 and F-2.

A. Equipment

- 1. The equipment to be tested includes all of the following that is installed on the well:
 - (a) Ram-type and annular preventers,
 - (b) Choke manifolds and valves,
 - (c) Kill lines and valves, and
 - (d) Upper and lower kelly cock valves, inside BOP's and safety valves.
- B. Test Frequency
 - 1. All tests should be performed with clear water,
 - (a) when installed,
 - (b) before drilling out each casing string,
 - (c) at any time that there is a repair requiring a pressure seal to be broken in the assembly, and
 - (d) at least once every 30 days while drilling.

C. Test Pressure

- 1. In some drilling operations, the pressures to be used for low and high-pressure testing of preventers and casing may be different from those given below due to governmental regulations, or approved local practices.
- 2. If an individual component does not test at the low pressure, **do not**, test to the high pressure and then drop back down to the low pressure.
- 3. All valves located downstream of a valve being tested must be placed in the open position.
- 4. All equipment will be tested with an initial "low pressure" test at 250 psi.
- 5. The subsequent "high pressure" test will be conducted at the rated working pressure of the equipment for all equipment except the annular preventer.
- 6. The "high pressure" test for the annular preventer will be conducted at 70% of the rated working pressure.
- 7. A record of all pressures will be made on a pressure-recording chart.
- D. Test Duration
 - 1. In each case, the individual components should be monitored for leaks for <u>5</u> <u>minutes</u>, with no observable pressure decline, once the test pressure as been applied.

DRILLING PROGRAM

Page 3

- II. Accumulator Performance Test
 - A. Scope
 - 1. The purpose of this test is to check the capabilities of the BOP control systems, and to detect deficiencies in the hydraulic oil volume and recharge time.
 - B. Test Frequency
 - 1. The accumulator is to be tested each time the BOP's are tested, or any time a major repair is performed.
 - C. Minimum Requirements
 - 1. The accumulator should be of sufficient volume to supply 1.5 times the volume to close and hold all BOP equipment in sequence, <u>without recharging</u> and the <u>pump turned off</u>, and have remaining pressures of <u>200 PSI above the</u> <u>precharge pressure</u>.
 - 2. Minimum precharge pressures for the various accumulator systems per manufacturers recommended specifications are as follows:

System Operating Pressures	Precharge Pressure
1500 PSI	750 PSI
2000 PSI	1,000 PSI
3000 PSI	1,000 PSI

- 3. Closing times for the Hydril should be less than <u>20 seconds</u>, and for the ramtype preventers less than <u>10 seconds</u>.
- 4. System Recharge time should not exceed **<u>10 minutes</u>**.
- D. Test Procedure
 - 1. Shut accumulator pumps off and record accumulator pressure.
 - 2. In sequence, close the annular and one set of properly sized pipe rams, and open the HCR valve.
 - 3. Record time to close or open each element and the remaining accumulator pressure after each operation.

CONFIDENTIAL – TIGHT HOLE Lease Contract No. NM 54882

DRILLING PROGRAM

Page 4

4. Record the remaining accumulator pressure at the end of the test sequence. Per the previous requirement, this pressure <u>should not be less</u> than the following pressures:

System Pressure	Remaining Pressure At Conclusion of
	Test
1,500 PSI	950 PSI
2,000 PSI	1,200 PSI
3,000 PSI	1,200 PSI

- 5. Turn the accumulator pumps on and record the recharge time. This time should not exceed **10 minutes.**
- 6. Open annular and ram-type preventers. Close HCR valve.
- 7. Place all 4-way control valves in <u>full open</u> or <u>full closed</u> position. <u>Do not</u> leave in neutral position.

4. CASING AND CEMENTING PROGRAM

a. The proposed casing program will be as follows:

Purpose	Interval	Hole Size	Casing Size	Weight	<u>Grade</u>	Thread	<u>Condition</u>
Surface	0-1,500'	11"	8-5/8"	24#	J-55	ST &C	New
Production	0-3,900'	7-7/8"	5-1/2"	15.5#	J-55	LT &C	New

- b. Casing design subject to revision based on geologic conditions encountered.
- c. The cementing program will be as follows:

Interval	Туре	Amount	Yield	Washout	Excess
Surface	Lead 65:35:6 + 6# Salt + ¼# Flo-cel Tail: c + 2% CaCl	300sx 200sx	2.1 1.3	50%	100%
Production	50 :50 Poz H + additives	200sx	1.3	20%	30%

ONSHORE ORDER NO. 1 Chesapeake Operating, Inc. Wynell 15 Federal 5 1800 FNL 2010 FEL SW NE of Section 15-19S-33E Lea County, New Mexico ONSHORE ORDER NO. 1 Chesapeake Operating, Inc. SMITH FEDERAL 1-4 2310' FNL & 660' FWL SENE of Section 4 –20S-33E Lea County New Mexico

DRILLING PROGRAM

Page 5

5. MUD PROGRAM

a. The proposed circulating mediums to be used in drilling are as follows:

Interval	Mud Type	Mud Weight	Viscosity	Fluid Loss
0-1,500'	Water	8.4 - 9.0	28-40	NC
1.500' - 3,900'	Cut Brine	9.4 - 10.0	35-46	5 - 10

A steel pit will be utilized during the drilling of this well. All fluids and cuttings will be disposed of in accordance with New Mexico Oil Conversation Division rules and regulations.

A mud test shall be performed every 24 hours after mudding up to determine, as applicable: density, viscosity, gel strength, filtration, and pH.

6. TESTING, LOGGING AND CORING

The anticipated type and amount of testing, logging and coring are as follows:

- a. Drill stem tests are not planned.
- b. The logging program will consist of Natural GR, Density-Neutron, PE & Dual Laterolog from TD to surface casing; Neutron-GR surface casing to surface.
- c. Cores samples are not planned.

7. ABNORMAL PRESSURES AND HYDROGEN SULFIDE

- a. The estimated bottom hole pressure is 1200 psi. No abnormal pressures or temperatures are anticipated.
- b. Hydrogen sulfide gas is not anticipated.













Exhibit D

	Chesap	eake Operating, Inc	
	Gei	neral Rig Layout	
SIZE	FSCM NO	DWG NO	REV
SCALE	Not to Scale	SHEET 1 OF 1	

TITLE PAGE/ABSTRACT/ **NEGATIVE SITE REPORT** CFO/RFO 3. NMCRIS No.: 89694 2. Reviewer's Initials/Date 1. BLM Report No. ACCEPTED () REJECTED () Positive (Negative(X)) 4. Type of Report: 6. Fieldwork Date(s) 5. Title of Report: Class III archaeological survey of a pad and access road serving the from 12 Augeust 2004 to Wynell "15" Federal well No 5. Author(s): Ann Boone 7. Report Date 16 August 2004 Consultant Name & Address: 9. Cultural Resource Permit No. Boone Archaeological Services BLM 190-2920-03-E 2030 North Canal State Permit No .: NM-04-157 Carlsbad, NM 88220 10. Consultant Report No. Direct Charge: Danny Boone

Field Personnel Names: Danny Boone

11. Customer Name: Chesapeake Operating, Inc.

12. Customer Project No .: None

BAS 08-04-13

Responsible Individual: Linda Good Address: P.O. Box 18496

Phone: (505) 885-1352

1/03

8

Oklahoma City, Oklahoma 73154-0496

Phone: (405) 848-8000				
13. Land Status	BLM STATE	PRIVATE	OTHER	TOTAL
a. Area Surveyed (acres)	3.47 (-/+) 0	0	0	3.47 (+/-)
b. Area of Effect (acres)	4.05 (+/-) 0	0	<u>e</u>	4.05 (+/-)

Width; 100' 14. Linear: Length: 311' (-/+)

600' x 600' Block

15. Location: (Maps Attached if Negative Survey)

a. State: New Mexico

b. County: Lea

c. BLM Office: Carlsbad

d. Nearest City or Town: Maljamar, NM

e. Legal Location: T 19, R 33, Sec. 15, Pad SW NE, Access Road SW NE, NW NE.

E Well Pad Footages: 1800' FNL, 2010' FEL

g. USGS 7.5 Map Name(s) and Code Number(s): LAGUNA GATUNA NW, NM (1984) 32103-F6



a. Records Search: Date(s) of BLM File Review: 11 August, 2004	Name of Reviewer (s): Ann Boone	
Date(s) of ARMS Data Review: 11 August, 2004	Name of Reviewer (s): Ann Boone	
Findings (see Field Office requirements to determine area to be revie	ewed during records search):	
LA 135251, LA 1207183 are within 1.0 mile.		
b. Description of Undertaking:	en e	
Date(s) of ARMS Data Review: 11 August, 2004 Name of Reviewer (s): Am Boone. Findings (see Field Office requirements to determine area to be reviewed during records search): LA 135251, LA 1207183 are within 1.0 mile.		
 b. Description of Undertaking: This project has two previous surveys, BLM No. 02-629 and 02-629.1 within the current pad survey area. The curexpands areas on the north and south boundaries 600 x 100. The access road is different from the previous survey begins approximately 100 inside of the southwestern portion of the pad survey area for BLM No. 01-897 and tree 561' to a point approximately 150 inside of the current pad expansion. Survey areas were estimated on this basis, acres are unknown and are estimated. A plat is attached to this report. c. Environmental Setting (NRCS soil designation; vegetative community; etc.): Topography: North and west portion of pad survey and access road is a dune ridge with deflation basins ranging 60 meters long, 30 meters wide and 4 meters deep. Vegetation: Approximately 40% ground cover, mesquite, soapberry trees, sunflowers, sage brush, pricly pear cas grasses and other flora. NRCS: Peyote-Maljamar-Kermit association; Gently undulating and rolling, deep, sandy soils. d. Field Methods: (transcet intervals; crew size; time in field, etc.): Transects: For the pad two parallel zig-zag on the north and south portions spaced 15 meters or less and for the r zag spaced up to 15 meters on each side of staked centerline. Crew Size: One Time in Field? 2.0 hours. e. Artifacts Collected (?): None 17. Cultural Resource Findings: None a. Identification and description: b. Evaluation of significance of Each Resource: 18. Management Summary (Recommendations): Archaeological clearance of the pad and access road serving Wynell "15" Federal well No 5 for Chesapeake Operating. In presently staked is recommended. If cultural resources are encountered at any time all activity should cease and the BLM 	ty etc.):	11. ⁴ 51 ⁴ 5
60 meters long, 30 meters wide and 4 meters deep.		
	y trees, sunflowers, sage brush, pricly pear cactus, vari	ious
NRCS: Peyote-Maljamar-Kermit association: Gently undulating ar	id rolling, deep, sandy soils.	.1
d. Field Methods: (transect intervals; crew size; time in field, etc.):		
NRCS: Peyote-Maljamar-Kermit association; Gently undulating and rolling, deep, sandy soils. d. Field Methods: (transect intervals; crew size; time in field, etc.): Transects: For the pad two parallel zig-zag on the north and south portions spaced 15 meters or less and for the road one zig- zag spaced up to 15 meters on each side of staked centerline.		
Time in Field: 2.0 hours.		i i Seriala La
e. Artifacts Collected (?): None		i i vit
 c. Environmental Setting (NRCS soil designation; vegetative community; etc.): Topography: North and west portion of pad survey and access road is a dune ridge with deflation basins ranging in size up to 60 meters long, 30 meters wide and 4 meters deep. Vegetation: Approximately 40% ground cover, mesquite, soapberry trees, sunflowers, sage brush, pricly pear cactus, various grasses and other flora. NRCS: Peyote-Maljamar-Kermit association: Gently undulating and rolling, deep, sandy soils. d. Field Methods: (transcet intervals; crew size; time in field, etc.): Transects: For the pad two parallel zig-zag on the north and south portions spaced 15 meters or less and for the road one zig- zag spaced up to 15 meters on each side of staked centerline. Crew Size: One Time in Field: 2.0 hours. e. Artifacts Collected (?): None 17. Cultural Resource Findings: None a. Identification and description: b. Evaluation of significance of Each Resource: 18. Management Summary (Recommendations): Archaeological clearance of the pad and access road serving. Wynell "15" Pederal well No 5 for Chesapeake Operating, Inc. as presently staked is recommended. If cultural resources are encountered at any time all activity should cease and the BLM 		
s negative second since a second s		а ^в . ,
Archaeological clearance of the pad and access road serving Wynell "15" F resently staked is recommended. If cultural resources are encountered at a	ederal well No 5 for Chesapeake Operating, Inc. as ny time all activity should cease and the BLM	
		يد بير ا
	ets all appreciable BLM standards.	
certify that the information provided above is correct and accurate and me	이 이 이 이 이 방법을 통해 유명하는 것이 아니는 것을 감독하는 것을 하는 것이 하는 것이 가지 않는 것이 하는 것이 같이 하는 것이 않아. 않아 않아 않아 않아 않아. 않아 않아 않아 않아 않아 않아. 않아 않아 않아 않아 않아 않아. 않아 않아 않아 않아 않아. 않아 않아 않아 않아 않아 않아. 않아 않아 않아 않아 않아 않아. 않아 않아 않아 않아 않아. 않아 않아 않아 않아 않아. 않아 않아 않아 않아. 않아 않아 않아 않아 않아. 않아 않아 않아 않아 않아. 않아 않아 않아 않아 않아 않아. 않아 않아 않아 않아 않아 않아. 않아 않아 않아 않아 않아. 않아 않아 않아 않아 않아. 않아 않아 않아 않아 않아 않아. 않아 않아 않아 않아. 않아 않아 않아 않아 않아. 않아 않아 않아 않아. 않아 않아 않아. 않아 않아 않아 않아. 않아 않아 않아 않아. 않아 않아 않아. 않아 않아 않아 않아. 않아 않아 않아 않아. 않아 않아 않아. 않아 않아 않아 않아. 않아 않아 않아 않아. 않아 않아 않아. 않아 않아 않아 않아. 않아 않아 않아 않아. 않아 않아 않아. 않아 않아 않아 않아. 않아 않아 않아 않아. 않아 않 것 않아 않아 않아 않아 않아 않아 않아 않아 않아. 않아 않아 않아 않아. 않아 않아 않아 않아. 않아 않아 않아 않아. 않아 않아 않아 않아 않아. 않아 않아 않아. 않아 않아 않아 않아. 않아 않아 않아. 않아 않아 않아 않아. 않아 않아 않아 않아. 않아 않아 않아. 않아 않아 않아 않아 않아 않아. 않아 않아 않아. 않아 않아 않아 않아. 않아 않아 않아. 않아 않아 않아. 않아 않아 않아. 않아 않아 않아	
certify that the information provided above is corrected accurate and me Responsible Archaeologist	<u>15 aug. 200</u> 9	
certify that the information provided above is corrected accurate and me Responsible Archaeologist	<u>15 aug. 200</u> 9	
certify that the information provided above is corrected accurate and me Responsible Archaeologist	<u>15 aug. 200</u> 9	
certify that the information provided above is corrected accurate and me Responsible Archaeologist	<u>15 aug. 200</u> 9	

A CALL AND A CONTRACT OF A CALL

٠,

NAMES

1.1. 27. 12

е<u>т</u>



District I State of New Mexico Form C-144 1625 N. French Dr., Hobbs, NM 88240 State of New Mexico Form C-144 1301 W. Grand Avenue, Artesia, NM 88210 District II Energy Minerals and Natural Resources For C-144 1301 W. Grand Avenue, Artesia, NM 88210 District II Oil Conservation Division For drilling and production facilities, submit to appropriate NMOCD District Office. 1000 Ris Brazos Road, Aztec, NM 87410 Dil Conservation Division For drilling and production facilities, submit to appropriate NMOCD District Office. 1220 S. St. Francis Dr., Santa Fe, NM 87505 Santa Fe, NM 87505 For downstream facilities, submit to Senta Fe Pit or Below-Grade Tank Registration or Closure Is pit or below-grade tank covered by a "general plan"? Yes No No Type of action: Registration of a pit or below-grade tank [] Closure of a pit or below-grade tank [] Operator: Chesopeoke. 432 Telephone: 683-7043 c-mail address: Awbuttefteld@chkenergy. Com Address: ASD W. Texas Ave. * 1300 Midland, Texas 7970] Feallity or well name: hypell Ested. 5 API * 30-025 37065 Un or Or Or Closure State Private [] Indian []		
El! Type: Drilling [3] Production [] Disposal [] Workover [] Emergency [] Lined [3] Unlined [] Liner type: Synthetic [3] Thickness 12 mil Clay [] Volume (a) 25 bbl	Below-grade tank Volume:bbl Type of fluid: Construction material: Double-walled, with leak detection? Yes	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Loss than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) (0 points)
Vollhead protection area: (Less than 200 feet from a private domestic ater source, or less than 1000 feet from all other water sources.)	Yes No	(28 paints) (0 points)
Distance to surface water: (horizontal distance to all wetlands, playas, intigation canals, ditches, and perennial and sphemeral watercourses.)	Less than 200 feet 200 fact or more, but less than 1000 feet 1000 feet or more	(20 paínts) (10 paints) (0 paints)
	Ranking Score (Total Points)	0
If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: onsite [] offsite [] If offsite, name of facility		
Printed Name/Title <u>Mike WhiteField Field Rep.</u> Signature <u>Uiki Uchability</u> Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should approval so the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Approval: Date: JAN 2 5 2005 Printed Name/Title JAN 2 5 2005 PETROLEUM ENGINEER	Signature Carl 3 2	not the second s





🛃 003/004

