		TED STATESIM T OF THE INTE	88249 reverse	7/	OMB NO. Expires: Febr	wary 28, 1995
		LAND MANAGEME			5. LEASE DEBIGNATIO	N AND BEBIAL NO.
					6. IF INDIAN, ALLOTT	<u>M 27725</u>
and the second secon	LICATION FOR P	PERMIT TO DRIL	L OR DEEPEN			
LA. TYPE OF WORK D. b. TYPE OF WELL	RILL 🖾	DEEPEN			7. UNIT AGREEMENT	NANB
WELL XX	GAS WELL OTHER		INGLE MULT		8. FARM OR LEASE NAME, W	VELL NO.
ARCH PETROLE		ICHARD WRIGHT (M.K. STEWART 9. AN WELL NO.	# 11
. ADDRESS AND TELEPHONE N	0.				30-025-3	6723
P.O. BOX 103	340 MIDLAND, TEXA	S 79702-7340	(432-685-8100)		10 FIELD AND POOL	K2
At surface	Report location clearly and				WILDCAT-TUBB	
	1200' FEL SECTIO	N 28 T23S-R37E	LEA CO. NM		11. SEC., T., E., M., OB AND SURVEY OR	ABEA
At proposed prod. ze	one SAME	1) in F)		SECTION 28 1	C23S-R37E
4. DISTANCE IN MILES	AND DIRECTION FROM NEA	ALST TOWN OR POST OFFIC			12. COUNTY OF PARIS	H 13. STATE
	y_12 miles South				LEA CO.	NEW MEXICO
3. DISTANCE FROM PRO LOCATION TO NEARE	PUSED		O. OF ACRES IN LEASE		F ACRES ASSIGNED	
PROPERTY OR LEASE		1200'	320	TOTH	IIS WELL 40	
S. DISTANCE FROM FRO	OPOSED LOCATION*	.19. r	ROPOSED DEPTH	20. BOTA	T OR CABLE TOOLS	
TO NEAREST WELL, OR APPLIED FOR, ON T	DRILLING, COMPLETED. This lease, FT.	400."	6700'	ROTA	ARY	
1. ELEVATIONS (Show w	thether DF, RT, GR, etc.)				22. APPROX. DATE W	OBE WILL START*
· · · · · · · · · · · · · · · · · · ·		3309' GR.			WHEN APPROVED)
3.		PROPOSED CASING AN	D CEMENTING PROGR	AM CAP	TAN CONTROLLE	ED WATER BAS
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	1	QUANTITY OF CEMI	LNT
25"	Conductor	NA	40'	Redi-m	ix cement to	surface
124"	J-55 8 5/8"	32	1100'		. Circulate c	
7 7/8"	J-55 4 ¹ / ₂ "	11.6	6700'	750 Sx	. Top of ceme	nt 750'
with 650	<pre></pre>	cement + ½# Flo	ocele/Sx, + 2%	CaCl, ci	rculate cetten (a 03/	tyto (2)
	Sx. of Class "C"	cement = addit:	ives, estimate	top of c	ement 750' fr	
3. Drill 7 7	Sx. of Class "C" APPROVAL S GENERAL R			top of c	ement 750' fr	
3. Drill 7 7 with 750 ABOVE SPACE DESCRIF epen directionally, give per	Sx. of Class "C" APPROVAL S GENERAL RI AND SPECIA	SUBJECT TO EQUIREMENTS L STIPULATION	NS a on present productive zone al depths. Give blowout prev	and proposed	new productive zone. If p	om surface.
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*See	Instructions	On	Reverse	Side	
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*See Instructions On Reverse Side APPROVAL FOR 1 YEAR Title 18 U.S.C. Section 1001. makes it a crime for any person knowingly and willfully to make to can depend on the sector of the s



EXHIBIT "A"



DISTRICT I

P.O. Sox 1980, Hobbs, NM 88241-1980

DISTRICT II P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410 State of New Mexico

Energy, Minerals and Natural Resources Department OIL CONSERVATION DIVISION Form C-102 Revised February 10, 1994 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

P.O. Box 2088 Santa Fe, New Mexico 87504-2088

DISTRICT IV WELL LOCATION AND ACREAGE DEDICATION PLAT P.O. BOX 2068, SANTA PE, N.M. 87504-2088 AMENDED REPORT API Number Pool Code Pool Name Property Name Well Number **Property** Code M.K. STEWART 11 Operator Name Elevation OGRID No. 3309 ARCH PETROLEUM, INC. Surface Location UL or lot No. Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line County EAST Ρ 23-S 37-E SOUTH 1200 LEA 28 1200 Bottom Hole Location If Different From Surface North/South line UL or lat No. Section Township Lot Idn Feet from the Feet from the East/West line County Range **Dedicated** Acres Joint or Infill Consolidation Code Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
	Signature Printed Name
STEWART #9 STEWART #8	Title Date
STEWART #11 883' STEWART #10 STEWART #10	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison, and that the same is true and correct to the best of my belief.
	Morch 30, 2004 Date Surveyed A.W.B Signature & Seal of Professional Surveyor
	04.11.0379 Certificate No. GARY EDSON 12641

LOCATION VERIFICATION MAP



VICINITY MAP

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SEC. 28TWP. 23-SRGE. 37-ESURVEYN.M.P.M.COUNTYLEADESCRIPTION1200' FSL & 1200' FELELEVATION3309'OPERATORARCH PETROLEUM, INCLEASEM.K. STEWART

JOHN WEST SURVEYING HOBBS, NEW MEXICO (505) 393-3117

APPLICATION TO DRILL

J

ARCH PETROLEUM, INC. M. K. STEWART # 11 UNIT "P" SECTION 28 T23S-R37E LEA CO. NM

In response to questions asked under Section II of Bulletin NTL-6 the following information on the above well is provided for your consideration.

1. Location: 1200' FSL & 1200' FEL SECTION 28 T23S-R37E LEA CO. NM

2. Elevation above Sea Level: 3309' GR.

3. Geologic name of surface formation: Quaternery Aeolian Deposits.

- 4. Drilling tools and associated equipment: Conventional rotary drilling rig using drilling mud as a circulating medium for solids removal from hole.
- 5. Proposed drilling depth: 6700'

6.	Estimated tops of geological	markers:		
	Rustler Anhydrite	1078'	San Andres	3840'
	Yates	2588'	Paddock	4940 '
	7 Rivers	2837'	Blinebry	5350'
	Grayburg	3600'	Drinkard	6160'

7. Possible mineral bearing formations:

Queen	0i1	Blinbry	Oil
Grayburg	011	Drinkard	Oil
		-	

8. Casing program:

Hole size	Interval	OD of casing	Weight	Thread	Collar	Grade	-
25''	0-40	20"	NA	NA	NA	Conductor	
12½''	0-1100'	8 5/8"	32#	8-R	ST&C	J-55	
7 7/8"	0-6700'	4'2"	11.6#	8-R	ST&C	J-55	

APPLICATION TO DRILL

ARCH PETROLEUM, INC. M. K. STEWART # 11 UNIT "P" SECTION 28 T23S-R37E LEA CO. NM

9. CASING CEMENTING & SETTING DEPTH:

20''	Consuctor	Set 40' of 20" conductor pipe and cement to surface with Redi-mix.
8 5/8"	Surface	Set 1100' of 8 5/8" 32# J-55 ST&C casing. CEment with 650 Sx. of Class "C" cement + 法# Flocele/SX. + 2% CaCl, circulate cement to surface.
4 ¹ / ₂ "	Production	Set 6700' of 4½" 11.6# J-55 ST&C casing. Cement with 750 Sx. of Class "C" cement + additives, estimate top of cement 750' from surface

- 10. PRESSURE CONTROL EQUIPMENT: Exhibit "E" shows a 900 series 3000 PSI working perssure B.O.P. consisting of an annular bag type preventor, middle blind rams, and bottom pipe rams. The B.O.P. will be nippled up on the 8 5/8" casing and tested to API specifications. The B.O.P. will be operated at least once each 24 Hr. period and the blind rams will be operated when the drill pipe is out of on trips. Full opening stabbing valve and upper kelly cock will be available in case if needed. Exhibit "E-1" shows a hydraulically operated closing unit and a 3" 3000 PSI choke manifold with adjustable chokes. No abnormal pressures or temperatures are expected while drilling this well. No problems in offset wells.
- 11. PROPOSED MUD CIRCULATING SYSTEM:

MUD WT.	VISC.	FLUID LOSS	TYPE MUD SYSTEM
8.4-8.7	29-34	NC	Fresh water Spud Mud add paper to control seepage.
10.0-10.2	29-38	NC*	Brine water add paper to control seepage and use high viscosity sweeps to clean hole.
	8.4-8.7	8.4-8.7 29-34	8.4-8.7 29-34 NC

logs and casing.

Sufficient mud materials will be kept on location at all times in order to combat lost circulation, or unexpected kicks. In order to run DST's, open hole logs, and casing, viscosity, and water loss may have to be adjusted to meet these needs.

APPLICATION TO DRILL

ARCH PETROLEUM, INC. M. K. STEWART # 11 UNIT "P" SECTION 28 T23S-R37E LEA CO. NM

12. LOGGING, CORING, AND TESTING PROGRAM:

- A. Open hole logs: Dual Laterolog, SNP,LDT, Gamma Ray, Caliper from TD back to 8 5/8" casing shoe. Run Gamma Ray, Neutron from 8 5/8" casing shoe to surface.
- B. No DST's or cores are planned at this time. Mud logger may be placed on hole at the direction of Geologist.

13. POTENTIAL HAZARDS:

No abnormal pressures or temperatures are expected. There is no known presence of H^2S in this area. If H^2S is encountered the operator will comply with the provisions of Onshore Oil and Gas Order No. 6. No lost circulation is expected to occur. All personnel will be familiar with all aspects of safe operation of equipment being used to drill this well. Estimated BHP 3500 PSI, and Estimated BHT 135°

14. ANTICIPATED STARTING DATE AND DURATION OF OPERATION:

Road and location construction will begin after the BLM has approved the APD. Anticipated spud date will be as soon after BLM approval and as soon as a rig will be available. Move in operation and drilling is expected to take <u>15</u> days. If production casing is run then an additional <u>30</u> days will be needed to complete well and construct surface facilities and/or lay flowlines in order to place well on production.

15. OTHER FACETS OF OPERATIONS:

After running casing, cased hole Gamma Ray, Neutron Collar logs will be run from TD back to all possible productive zones. The <u>TUBB/DRINKARD</u> formation will be perforated and stimulated in order to establish production. The well will be swab tested and potentialed as an oil well.

- 1. All Company and Contract personnel admitted on location must be trained by a qualified H₂S safety instructor to the following:
 - A. Characteristics of H₂S
 - B. Physical effects and hazzards
 - C. Proper use of safety equipment and life support systems.
 - D. Principle and operation of H₂S detectors, warning system and briefing areas.
 - E. Evacuation procedure, routes and first aid.
 - F. Proper use of 30 minute pressure demand air pack.
- 2. H_2S Detection and Alarm Systems
 - A. H₂S detectors and audio alarm system to be located at bell nipple, end of blooie line (mud pit) and on derrick floor or doghouse.
- 3. Windsock and/or wind streamers
 - A. Windsock at mudpit area should be high enough to be visible.
 - B. Windsock at briefing area should be high enough to be visible.
 - C. There should be a windsock at entrance to location.
- 4. Condition Flags and Signs
 - A. Warning sign on access road to location.
 - B. Flags to be displayed on sign at entrance to location. Green flag, normal safe condition. Yellow flag indicates potential pressure and danger. Red flag, danger, H₂S present in dangerous concentration. Only emergency personnel admitted to location.
- 5. Well control equipment
 - A. See exhibit "E" & "E-1"
- 6. Communication
 - A. While working under masks chalkboards will be used for communication.
 - B. Hand signals will be used where chalk board is inappropriate.
 - C. Two way radio will be used to communicate off location in case of emergency help is required. In most cases cellular telephoned will be available at most drilling foreman's trailer or living quarters.
- 7. Drillstem Testing
 - A. Exhausts will be watered.
 - B. Flare line will be equipped with an electric ignitor or a propane pilot light in case gas reaches the surface.
 - C. If the location is near to a dwelling a closed DST will be performed.

SURFACE USE PLAN

ARCH PETROLEUM, INC. M. K. STEWART # 11 UNIT "P" SECTION 28 T23S-R37E LEA CO. NM

- EXISTING ROADS & PROPOSED ROADS: Area maps; Exhibit "B" is a reproduction of a County General Hi-way Map. Exhibit "C" is a reproduction of a USGS Topographic Map, showing existing and proposed roads. All existing roads will be maintained in a condition equal to or better than current conditions. Any new roads will be constructed to BLM specifications.
 - A. Exhibit "A" shows the proposed well site as staked.
 - B. From the junction of State Hi-way 176 and State Hi-way 18 East of Eunice New Mexico go South 13 miles to the 19 mile marked, turn. East follow caliche road Imile bear Left (Northeast) go .45 miles turn Left go 300'± bear Left go 400'± location is on the South side of road.
 - C. If flowlines and powerlines are required they will be constructed along existing R-O-W's.
- 2. PLANNED ACCESS ROADS: No additional roads will be required.
 - A. The access roads will be crowned and ditched to a 12' wide travel surface with a 40' Right-of-Way.
 - B, Gradient of all roads will be less than 5.00%.
 - C. If turn-outs are necessary they will be constructed.
 - D. If needed roads will be surfaced with a mimimum of 4" of caliche. This material will be obtained from a local source.
 - E. Center-line for new roads will be flagged. Earth-work will be will be done as field conditions require.
 - F. Culverts will be placed in the access road if they are necessary. The roads will be constructed to utilaze low water crossings for drainage as required by topography.
- 3. LOCATIONS OF EXISTING WELLS IN A ONE MILE RADIUS. EXHIBIT "A-1"

A. Water wells	- none known
B. Disposal wells	- None known
C. Drilling wells	- None known
D. Producing wells	- as shown on Exhibit "A-1"
E. Abandoned wells	- As shown on Exhibit "A-1"

SURFACE USE PLAN

ARCH PETROLEUM, INC. M. K. STEWART # 11 UNIT "P" SECTION 28 T23S-R37E LEA CO. NM

4. If on completion this well is a producer the operator will lay pipelines and construct powerlines along existing road R-O-W's or other existing R-O-W's. Possible routes of pipelines, flowlines and powerlines are shown on Exhibit "F".

5. LOCATION AND TYPE OF WATER SUPPLY:

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Water will be purchased locally from a commercial source and trucked over the access roads or piped to location in flexible lines laid on top of the ground.

6. SOURCE OF CONSTRUCTION MATERIAL:

If possible construction material will be obtained from the excavation of drill site, if additional material is needed it will be obtained from a local source and transported over the access roads as shown on Exhibit "C".

7. METHODS OF HANDLING WASTE MATERIAL:

A. Drill cuttings will be disposed of in the reserve pits.

- B. All trash, junk and other waste material will be contained in trash cages or trash bins to prevent scattering. When the job is completed all contents will be removed and disposed of in a approved sanitary land fill.
- C. Salts remaining after completion of well will be picked up by the supplier, including broken sacks.
- D. Waste water from living quaters will be drained into holes with a minium of 10'. These holes will be covered during drilling and will be back filled when the well is completed. A Porto-John will be provided for the rig crews. This equipment will be properly maintained during the drilling and completion operations and will be removed when all operations are complete.
- E. Remaining drilling fluids will be allowed to evaporate in the reserve pits until the pits are dry enough to be broken out for furthed drying. If the drilling fluids do not evaporate in a reasonable time they will be hauled off by transports to a state approve disposal site. Later pips will be broken out to speed drying. Water produced during completion will be put in reserve pits. Oil and condensate produced will be put in storage tanks and sold.

8. ANCILLARY FACILITIES:

A. No camps or air strips will be constructed on location.

ARCH PETROLEUM, INC. M. K. STEWART # 11 UNIT "P" SECTION 28 T23S-R37E LEA CO. NM

- 9. WELL SITE LAYOUT
 - A. Exhibit "D" shows the proposed well site layout.
 - B. This exhibit indicated proposed location of reserve and sump pits and living facilities.
 - C. Mud pits in the active circulating system will be steel pits & the reserve pit is proposed to be unlined unless subsurface condition encountered during pit construction indicate that lining is needed for lateral containment of fluids.
 - D. If needed, the reserve pit is to be lined with polyethelene. The pit liner will be 6 mils thick. Pit liner will extend a minimum 2'00" over the reserve pits dikes where the liner will be anchored down.
 - E. The reserve pit will be fenced on three sides with four strands of barbed wire during drilling and completion phases. The fourth side will be fenced after all drilling operations have ceased. If the well is a producer, the reserve pit fence will be torn down. The reserve pit and those areas of the location not essential to production facilities will be reclaimed and seeded per BLM requirements.
- 10. PLANS FOR RESTORATION OF SURFACE

Rehabilitation of the location and reserve pit will start in a timely manner after all drilling operations cease. The type of reclamation will depend on whether the well is a producer or a dry hole.

However, in either event, the reserve pit will be allowed to dry properly, and fluid removed and disposed of in accordance with Article 7.B as previously noted. The pit area will then be leveled and contoured to conform to the original and surrounding area. Drainage systems, if any, will be reshaped to the original configuration with provisions made to alleviate erosion. These may need to be modified in certain circumstances to prevent inundation of the location's pad and surface facilities. After the area has been shaped and contoured, topsoil from the spoil pile will be placed over the disturbed area to the extent possible. Revegetation procedures will comply with BLM standards.

If the well is a dry hole, the pad and road area will be contoured to match the existing terrain. Topsoil will be spread to the extent possible. Revegetation will comply with BLM standards.

Should the well be a producer, the previously noted procedures will apply to those areas which are not required for production facilities.

SURFACE USE PLAN

ARCH PETROLEUM, INC. M. K. STEWART # 11 UNIT "P" SECTION 28 T23S-R37E LEA CO. NM

11. OTHER INFORMATION:

- A. Topography is relatively flat with low relief on a dunal plain with a few blowouts with loose sand. Vegetation consists of yucca, scattered shinery oak, mesquite and native grasses.
- B. The surface is used for the grazing of livestock, oil and gas production and is owned by Mr. Jummy Doom, Stat Route, Jal, New Mexico. The minerals are owned by The U.S. Department of Interior and is administered by The Bureau of Land Management.
- C. An archaeological survey will be conducted and the results will be filed with The Bureau of Land Management Carlsbad Field office in Carlsbad NM.
- D. There are no domestic dwellings located within one mile of the location.

12. OPERATORS REPRESENTIVE:

Before construction:

During and after construction:

TIERRA EXPLORATION, INC. P.O. BOX 2188 HOBBS, NEW MEXICO 88241 JOE T. JANICA OFFICE PHONE 505-391-8503 ARCH PETROLEUM, INC. P.O. BOX 10340 MIDLAND, TEXAS 79702-7340 RICHARD WRIGHT OFFICE PHONE 915-685-8140

13. <u>CERTIFICATION</u>: 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 currently exist, that the statements made in this plan are to the best of my knowledge, are true and correct, and that the work associated with the operations proposed herein will be performed by ARCH PETROLEUM, INC. it's contractors/subcontractors is in the conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provision of U.S.C. 1001 for the filing of a false statement.

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DATE	- 04/20/04/	
TITLE	: Agent	

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ARRANGEMENT SRRA

900 Series 3000 PSI WP

> EXHIBIT "E" SKETCH OF B.O.P. TO BE USED ON

> > ARCH PERTOLEUM, INC. M. K. STEWART # 11 UNIT "P" SECTION 28 T23S-R37E LEA CO. NM









POGO PRODUCING COMPANY

<u>District </u> 1625 NFrench Dr., Hobbs, NM 88240 <u>District II</u>	~	State of New Mexico	Form C-14 March 12, 201
1301 W. Grand Avenue, Artesia, NM 88210 District [1] 1000 Rio Brazos Road, Aztec, NM 87410 District JV 1220 S. St. Francis Dr., Santa Fe, NM 87505		Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	For drilling and production facilities, submit a appropriate NMOCD District Office. For downstream facilities, submit to Santa Pe office

Pit or Below-Grade Tank Registration or Closure					
Is pit or below-grade tank covered by a "general plan"? Yes [] No [] Type of action: Registration of a pit or below-grade tank [] Closure of a pit or below-grade tank []					
Operator: Arch_Petroleum_Inc	432-685-8100	e-mail address: wright	c@pogoproducing.com		
Address: P. O. Box 10340, Midland,	TX 79702-7340	, 9.73			
Facility or well name: M. K. Stewart #11					
County: Lea Latitude 32 16 16.	85Nongitude 103 09 45	92WAD: 1927 1 1983	Surface Owner Federal 🕅 State 🗂 Private 🗔 Indian 🗍		

<u>Pit</u>	Below-grade tank			
Type: Drilling 🚺 Production 🔲 Disposal 🗋	Volume:bbl Type of fluid:			
Workover 🗋 Emergency 🗋	Construction material:			
Lined XX Unlined	Double-walled, with leak detection? Yes 🔲 If not, explain why not.			
Liner type: Synthetic [] Thickness <u>12</u> mil Clay [] Volume <u>8400</u> obl				
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet 50 feet or more, but less than 100 feet X 100 feet or more	(20 points) (10 points) (0 points)		
Weilhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes No X	(20 points) (0 points) 0		
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more X	(20 points) (10 points) (0 points) (0 points)		
	Ranking Score (Total Points)			

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______. (3) Attach a general description of remedial action taken including remediation start date and

end date. (4) Groundwater encountered: No 🗌 Yes 🛄 If yes, show depth below ground surface______ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank hs been/will be constructed or closed according to NMOCD guidelines [], a general permit [], or an (attached) alternative OCD-approved plan []. Date: 05/18/04

Printed Name/Title Cathy Wright, Sr Oper Tech

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of 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.

Signature

Approval: Date: Printed Name/Ti Signature



Water Resources



Site Map for New Mexico USGS 321513103101501 238.37E.33.323241



Questions about data gs-w-nm_NWISWeb_Data_Inquiries@usgs.gov Feedback on this websitegs-w-nm_NWISWeb_Maintainer@usgs.gov NWIS Site Inventory for New Mexico: Site Map http://waterdata.usgs.gov/nm/nwis/nwismap?

Retrieved on 2004-05-18 15:10:18 EDT Department of the Interior, U.S. Geological Survey USGS Water Resources of New Mexico Privacy Statement || Disclaimer || Accessibility 0.66 0.66 nadww01 <u>Top</u> <u>Explanation of terms</u>



Water Resources



Ground-water levels for New Mexico

Search Results -- 1 sites found

Search Criteria

site no list = • 321513103101501



Questions about data gs-w-nm_NWISWeb_Data_Inquiries@usgs.gov Feedback on this websitegs-w-nm_NWISWeb_Maintainer@usgs.gov Ground water for New Mexico: Water Levels http://waterdata.usgs.gov/nm/nwis/gwlevels?

Top Explanation of terms



PIT NOTES:

Fresh Water portioned lined with 12 mil re-enforced plastic Brine Water portion lined with 12 mil re-enforced plastic PIT WALLS ARE 6' TO 6' WIDE PIT IS 7' DEEP FROM SURFACE PIT WALLS ARE AT GRD LEVEL CALICHE FROM PITS USED TO MAKE PAD Fresh Water volume at 2' below ground level = \pm 4600 bbls Brine Water volume at 2' below ground level = \pm 2900 bbls Nearest fresh water well is more than 1/2 mile away Nearest body of water is more than 1/2 mile away Ground water depth is in excess of 50 ft.

7500 bbls plus working pits equals approx 8400 bbls