U.S. Department of the Interior BUREAU OF LAND MANAGEMENT

Sundry Print Reporte

Well Name: FAT TIRE 12 FEDERAL Well Location: T17S / R30E / SEC 7 / County or Parish/State:

SWSW /

Well Number: 52H Type of Well: OIL WELL Allottee or Tribe Name:

Lease Number: NMLC028784C Unit or CA Name: Unit or CA Number:

US Well Number: 3001548706 Well Status: Approved Application for Operator: SPUR ENERGY

Permit to Drill PARTNERS LLC

Notice of Intent

Sundry ID: 2650333

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 12/27/2021 Time Sundry Submitted: 12:31

Date proposed operation will begin: 01/20/2022

Procedure Description: Spur Energy Partners LLC respectfully requests to amend the FTP, LTP and BHL for this well. It will be 390 feet shift north, there will be no change in the SHL. Please find updated C-102, directional plans and drill plans attached for your use. Thanks!

Application

District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 District III 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

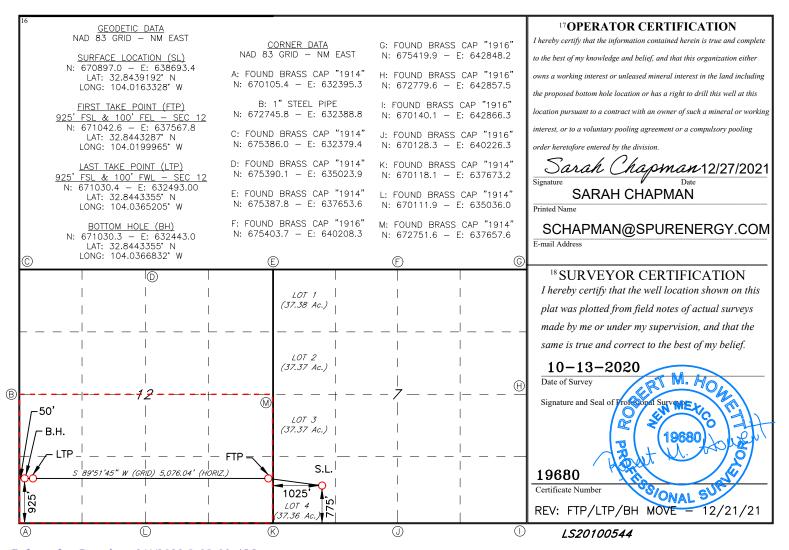
State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

WELL LOCATION AND ACREAGE DEDICATION PLAT Loco Hills

1	API Number	ŗ	96718	² Pool Code	:			³ Pool Na	me			
30-	015-487	'06	90/10	96610	_		EMPIRE	; GLORIETA	-YESO,	EAST		
4Property Co	de				5 Prope	erty Na	ame			(Well Number	
331167	7			FA	T TIRE	12	FEDERAL				52H	
7 OGRID 1	NO.				8 Opera					9	Elevation	
3289	47			SPUR I	ENERGY	PA	ARTNERS LLC	·•			3659'	
	¹⁰ Surface Location											
UL or lot no.	Section	Township	Range	Lot Idn	Feet from t	he	North/South line	Feet From the	East/W	est line	County	
4	7	17S	30E		775		SOUTH	1025	WE	ST	EDDY	
	¹¹ Bottom Hole Location If Different From Surface											
UL or lot no.	Section	Township	Range	Lot Idn	Feet from t	he	North/South line	Feet from the	East/W	est line	County	

No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.



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Zip: 77024

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Section 1 - General

BLM Office: Carlsbad User: ERIN WORKMAN Title: Regulatory Consultant

Federal/Indian APD: FED Is the first lease penetrated for production Federal or Indian? FED

Lease number: NMLC028784C Lease Acres:

Surface access agreement in place? Allotted? Reservation:

Agreement in place? N Federal or Indian agreement:

Agreement number:

Agreement name:

Keep application confidential? N

Permitting Agent? NO APD Operator: SPUR ENERGY PARTNERS LLC

Operator letter of designation:

Operator Info

Operator Organization Name: SPUR ENERGY PARTNERS LLC

Operator Address: 9655 KATY FREEWAY, SUITE 500

Operator PO Box:

Operator City: Houston State: TX

Operator Phone: (832)930-8548 Operator Internet Address:

Section 2 - Well Information

Well in Master Development Plan? NO Master Development Plan name:

Well in Master SUPO? NO Master SUPO name:

Well in Master Drilling Plan? NO Master Drilling Plan name:

Well Name: FAT TIRE 12 FEDERAL Well Number: 52H Well API Number: 3001548706

Field/Pool or Exploratory? Field and Pool Field Name: LOCO HILLS Pool Name: GLORIETA-YESO

Is the proposed well in an area containing other mineral resources? USEABLE WATER, NATURAL GAS, OIL

Is the proposed well in a Helium production area? N Use Existing Well Pad? N New surface disturbance?

Type of Well Pad: MULTIPLE WELL Multiple Well Pad Name: FAT Number: 11H, 22H, 52H, 71H

Well Class: HORIZONTAL

TIRE 12 FEDERAL

Number of Legs: 1

Well Work Type: Drill
Well Type: OIL WELL
Describe Well Type:
Well sub-Type: INFILL

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regived by OCD: 1/31/2022 10:34:09 AM Well Name: FAT TIRE 12 FEDERAL Well Location: T17S / R30E / SEC 7 / County or Parish/State:

SWSW /

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Is the proposed well in an area containing other mineral resources? USEABLE WATER, NATURAL GAS, OIL

Describe sub-type:

Distance to town: Distance to nearest well: 20 FT Distance to lease line: 1 FT

Reservoir well spacing assigned acres Measurement: 360 Acres

Well plat: FatTire12Fd52H_SitePlan_20201124100217.pdf

FatTire12Fd52H_320acreC_102_20210511081446.pdf FatTire12Fd52H_Supplemental_20210511081447.pdf

Section 3 - Well Location Table

Survey Type: RECTANGULAR

Describe Survey Type:

Datum: NAD83 Vertical Datum: NAVD88

Survey number: Reference Datum: GROUND LEVEL

Wellbore	NS-Foot	NS Indicator	EW-Foot	EW Indicator	Twsp	Range	Section	Aliquot/Lot/Tract	Latitude	Longitude	County	State	Meridian	Lease Type	Lease Number	Elevation	MD	TVD	Will this well produce from this lease?
SHL	775	FSL	102	FW	17S	30E	7	Aliquot	32.84391	-	EDD	NEW	NEW	F	NMLC0	365	0	0	Υ
Leg			5	L				sws	92	104.0163	Υ	MEXI			28785	9			
#1								W		328		СО	СО						
KOP	435	FSL	849	FW	17S	30E	7	Aliquot	32.84334	-	EDD	NEW	NEW	F	NMLC0	-162	383	382	Υ
Leg				L				sws	31	104.0169	Υ	MEXI			28785		1	1	
#1								W		069		CO	СО						
PPP	535	FSL	1	FEL	17S	29E	12	Aliquot	32.84326	-	EDD	NEW	NEW	F	NMLC0	-	521	477	Υ
Leg								SESE	2	104.0197	Υ	MEXI			28784C	111	3	2	
#1-1										35		CO	CO			3			

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Wellbore	NS-Foot	NS Indicator	EW-Foot	EW Indicator	Twsp	Range	Section	Aliquot/Lot/Tract	Latitude	Longitude	County	State	Meridian	Lease Type	Lease Number	Elevation	MD	TVD	Will this well produce from this lease?
PPP Leg #1-2	535	FSL	132 1	FEL	17S	29E	12	Aliquot SWSE	32.84326 4	- 104.0240 29	EDD Y	NEW MEXI CO		F	NMLC0 28785	- 109 1	653 3	475 0	Y
PPP Leg #1-3	535	FSL	131 9	FW L	17S	29E	12	Aliquot SWS W	32.84326 8	- 104.0326 17	EDD Y	NEW MEXI CO	NEW MEXI CO	F	NMLC0 28785A	- 111 3	521 3	477 2	Y
PPP Leg #1-4	535	FSL	100	FEL	17S	29E	12	Aliquot SESE	32.84325 7	- 104.0199 927	EDD Y	NEW MEXI CO	NEW MEXI CO	F	NMLC0 28784C	- 111 6	529 4	477 5	Υ
EXIT Leg #1	535	FSL	100	FW L	17S	29E	12	Aliquot SWS W	32.84326 38	- 104.0365 209	EDD Y	NEW MEXI CO	NEW MEXI CO	F	NMLC0 28785A	- 101 7	103 72	467 6	Υ
BHL Leg #1	535	FSL	50	FW L	17S	29E		Aliquot SWS W	32.84326 39	- 104.0366 837	EDD Y	NEW MEXI CO	NEW MEXI CO	F	NMLC0 28785A	- 101 6	104 21	467 5	Υ

Drilling Plan

Section 1 - Geologic Formations

Formation ID	Formation Name	Elevation	True Vertical Depth	Measured Depth	Lithologies	Mineral Resources	Producing Formation
7955951	QUATERNARY	3659	0	0	DOLOMITE, OTHER : Caliche	OTHER, USEABLE WATER : CALICHE	N
7955956	RUSTLER	3359	300	300	ANHYDRITE, DOLOMITE	OTHER : BRACKISH WATER	N
7955957	TOP SALT	3174	485	485	ANHYDRITE	OTHER : SALT	N
7955958	BASE OF SALT	2659	1000	1000	ANHYDRITE	OTHER : SALT	N
7955959	TANSILL	2594	1065	1065	DOLOMITE, SANDSTONE	NONE	N
7955960	YATES	2484	1175	1175	DOLOMITE, LIMESTONE, SILTSTONE	NATURAL GAS, OIL	N
7955961	SEVEN RIVERS	2209	1450	1450	DOLOMITE, LIMESTONE	NATURAL GAS, OIL	N
7955962	QUEEN	1599	2060	2150	ANHYDRITE, DOLOMITE, SANDSTONE	NATURAL GAS, OIL	N
7955963	GRAYBURG	1194	2465	2490	ANHYDRITE	NATURAL GAS, OIL	N
7955952	SAN ANDRES	894	2765	3275	DOLOMITE	NATURAL GAS, OIL	N
7955954	GLORIETA	-516	4175	4350	DOLOMITE, SILTSTONE	NATURAL GAS, OIL	N

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Formation ID	Formation Name	Elevation	True Vertical Depth	Measured Depth		Mineral Resources	Producing Formation
7955955	YESO	-2641	6300	6550	DOLOMITE	NATURAL GAS, OIL	Y

Section 2 - Blowout Prevention

Pressure Rating (PSI): 5M Rating Depth: 5000

Equipment: A 3000psi 5000' rated BOP stack consisting of an annular preventer and double (blind & pipe) ram will be used below surface casing to TD. See attached BOP and choke manifold diagrams.

Requesting Variance? YES

Variance request: Spur Energy Partners LLC requests permission to adjust the BOP break testing requirements as per the verbal agreement reached over the phone between SPUR/BLM on September 7, 2020. A separate sundry will be sent prior to spud that reflects the pad-based break testing plan.

Testing Procedure: BOP break test under the following conditions: After a full BOP test is conducted When skidding to drill the production section, where the surface casing point is shallower than the 3 Bone Spring or 10,000 TVD. When skidding to drill a production section that does not penetrate the 3rd Bone Spring or deeper. If the kill line is broken prior to skid, four tests will be performed. 1) The void between the wellhead and the spool (this consists of two tests) 2) The spool between the kill lines and the choke manifold (this consists of two tests) If the kill line is not broken prior to skid, two tests will be performed. 1) The void between the wellhead and the pipe rams

Choke Diagram Attachment:

 $Fat Tire 12Fd 52H_Choke Diagram_20210414100623.pdf$

BOP Diagram Attachment:

FatTire12Fd52H_BOPSchematic_20210414100633.pdf

FatTire12Fd52H_BOPCertification_20210414100633.pdf

Section 3 - Casing

Casing ID	String Type	Hole Size	Csg Size	Condition	Standard	Tapered String	Top Set MD	Bottom Set MD	Top Set TVD	Bottom Set TVD	Top Set MSL	Bottom Set MSL	Calculated casing length MD	Grade	Weight	Joint Type	Collapse SF	Burst SF	Joint SF Type	Joint SF	Body SF Type	L .
1	SURFACE	17.5	13.375	NEW	API	N	0	450	0	450	3659	3209	450	J-55	54.5	BUTT	1.12 5	1.2	DRY	1.4	DRY	1.
2	INTERMED IATE	12.2 5	9.625	NEW	API	Υ	0	1300	0	1300	3659	2359	1300	J-55	36	BUTT	1.12 5	1.2	DRY	1.4	DRY	1.
3	PRODUCTI ON	8.75	7.0	NEW	API	Υ	0	10421	0	4675	3659	-1016	10421	L-80	_	OTHER - BK-HT	1.12 5	1.2	DRY	1.4	DRY	1.

Casing Attachments

eceived by OCD: 1/31/2022 10:34:09 AM Well Name: FAT TIRE 12 FEDERAL

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Allottee or Tribe Name:

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Lease Number: NMLC028784C

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001548706

Well Status: Approved Application for

Permit to Drill

Operator: SPUR ENERGY

PARTNERS LLC

Casing Attachments

Casing ID: 1

String Type: SURFACE

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

FatTire12Fd52H_csg13.375_54.50_J55_20210226083031.pdf

Casing ID: 2

String Type: INTERMEDIATE

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

FatTire12Fd52H_csg9.625_36_J55_20210226083046.pdf

Casing ID: 3

String Type: PRODUCTION

Inspection Document:

Spec Document:

Tapered String Spec:

 $Fat Tire 12Fd 52H_csg_BKHT_5.5_20_HCL80_20201124055051.pdf$

Casing Design Assumptions and Worksheet(s):

FatTire12Fd52H_csg7_BKHT_32_HCL80_20201124055232.pdf

Section 4 - Cement

Occion	+ 		•								
String Type	Lead/Tail	Stage Tool Depth	Top MD	Bottom MD	Quantity(sx)	Yield	Density	Cu Ft	Excess%	Cement type	Additives
INTERMEDIATE	Lead		0	450	89	1.84	12.2	164	100	CLASS C PREMIUM PLUS	ACCELERATOR

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String Type	Lead/Tail	Stage Tool Depth	Top MD	Bottom MD	Quantity(sx)	Yield	Density	Cu Ft	Excess%	Cement type	Additives
INTERMEDIATE	Tail		450	1300	312	2.32	13.2	724	165	CLASS C PREMIUM PLUS	ACCELERATOR
SURFACE	Lead		0	450	346	2.32	13.2	803	165	CLASS C PREMIUM PLUS	ACCELERATOR

PRODUCTION	Lead	0	4050	471	2.54	11.8	1196	0	RETARDER, DISPERSANT, SALT
PRODUCTION	Tail	4050	1042 1	1254	1.81	13.2	2270	50	 RETARDER, DISPERSANT, SALT

Section 5 - Circulating Medium

Mud System Type: Closed

Will an air or gas system be Used? NO

Description of the equipment for the circulating system in accordance with Onshore Order #2:

Diagram of the equipment for the circulating system in accordance with Onshore Order #2:

Describe what will be on location to control well or mitigate other conditions: Description of the equipment for the circulating system in accordance with Onshore Order #2

Describe the mud monitoring system utilized: Description of the equipment for the circulating system in accordance with Onshore Order #2

Circulating Medium Table

Top Depth	Bottom Depth	Mud Type	Min Weight (lbs/gal)	Max Weight (lbs/gal)	Density (lbs/cu ft)	Gel Strength (lbs/100 sqft)	НА	Viscosity (CP)	Salinity (ppm)	Filtration (cc)	Additional Characteristics
0	450	WATER-BASED MUD	8.6	8.9							
450	1300	OTHER : BRINE	10	10.5							
1300	1042 1	OTHER : BRINE	10	10.5							

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Section 6 - Test, Logging, Coring

List of production tests including testing procedures, equipment and safety measures:

Will run GR from TD to surface (horizontal well - vertical portion of hole). Stated logs will be submitted with Completion Report and submitted to the BLM.

List of open and cased hole logs run in the well:

MUD LOG/GEOLOGICAL LITHOLOGY LOG, GAMMA RAY LOG,

Coring operation description for the well:

No core or drill stem test is planned.

Section 7 - Pressure

Anticipated Bottom Hole Pressure: 2210 Anticipated Surface Pressure: 1159

Anticipated Bottom Hole Temperature(F): 119

Anticipated abnormal pressures, temperatures, or potential geologic hazards? NO

Describe:

Contingency Plans geoharzards description:

Contingency Plans geohazards attachment:

Hydrogen Sulfide drilling operations plan required? YES

Hydrogen sulfide drilling operations plan:

FatTire12Fd52H_EmergencyContactList_20201124060214.pdf FatTire12Fd52H H2S 20201124060219.pdf

Section 8 - Other Information

Proposed horizontal/directional/multi-lateral plan submission:

 $Fat Tire 12Fd 52H_Direct Plan_20201124060326.pdf$

FatTire12Fd52H_DirectPlot_20201124060327.pdf

Other proposed operations facets description:

Spur Energy Partners LLC requests the option to contract a Surface Rig to drill, set surface casing, and cement for this well. If the timing between rigs is such that Spur Energy Partners LLC, would not be able to reset surface, the Primary Rig will MIRU and drill the well in its entirety per the APD. Please see the attached document for information on the spudder rig.

Other proposed operations facets attachment:

FatTire12Fd52H_GasCapPlan_20201124060417.pdf

FatTire12Fd52H_RigSpecs_20201124060419.pdf

FatTire12Fd52H_UpdatedDrillPlan_20210511082118.pdf

Other Variance attachment:

FatTire12Fd52H_SpudderRig_20210226011133.pdf

SUPO

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Section 1 - Existing Roads

Will existing roads be used? YES

Existing Road Map:

FatTire12Fd52H_ExistRoads_20201124060501.pdf

Existing Road Purpose: ACCESS,FLUID TRANSPORT Row(s) Exist? NO

ROW ID(s)

ID:

Do the existing roads need to be improved? NO

Existing Road Improvement Description:

Existing Road Improvement Attachment:

Section 2 - New or Reconstructed Access Roads

Will new roads be needed? NO

Section 3 - Location of Existing Wells

Existing Wells Map? YES

Attach Well map:

FatTire12Fd52H_ExistWells_20201124060558.pdf

Section 4 - Location of Existing and/or Proposed Production Facilities

Submit or defer a Proposed Production Facilities plan? SUBMIT

Production Facilities description: In the event the well is found to be productive, the Fat Tire 12 Federal CTB would be utilized and the necessary production equipment will be installed at the well site. See proposed facilities layout diagram. Each well will have two (2) 4 surface flowlines operating at less than 75% of the MAWP of the flowline per the survey plats from the well sites to the CTB. The flowlines for the Fat Tire wells will be routed to the Fat Tire Federal CTB. The wells will produce into this battery at any given time. The flowlines for the Fat Tire wells will be routed to the Fat Tire 12 Federal CTB. The wells will produce into this battery at any given time. Survey a strip of land 30 feet wide, being 6322.12 feet in length, lying in Section 7, Township 17 South, Range 30 East, N.M.P.M., Eddy County, New Mexico, being 15 feet left and 15 feet right of

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well Name: FAT TIRE 12 FEDERAL Well Location: T17S / R30E / SEC 7 /

SWSW /

County or Parish/State: Page 11 of

Well Number: 52H

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Permit to Drill

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the centerline survey. Survey a strip of land 30 feet wide, being 11.16 feet in length, lying in Section 12 Township 17 South, Range 29 East, N.M.P.M., Eddy County, New Mexico, being 15 feet left and 15 feet right on the centerline survey. Electric line will follow a route approved by the BLM. Survey a strip of land 30 feet wide, being 1604.17 feet in length, lying in Section 7, Township 17 South, Range 30 East, N.M.P.M., Eddy County, New Mexico, being 15 feet left and 15 feet right of the centerline survey. See attached for additional information on the Fat Tire 12 Federal Production Facility. **Production Facilities map:**

FatTire12Fd52H_FacilityPLELUpdate_20210226011302.pdf

Section 5 - Location and Types of Water Supply

Water Source Table

Water source type: GW WELL

Water source use type:

SURFACE CASING

STIMULATION

DUST CONTROL

INTERMEDIATE/PRODUCTION

CASING

Source latitude:

Source longitude:

Source datum:

Water source permit type:

PRIVATE CONTRACT

Water source transport method:

PIPELINE

Source land ownership: FEDERAL

Source transportation land ownership: FEDERAL

Water source volume (barrels): 10000 Source volume (acre-feet): 1.28893096

Source volume (gal): 420000

Water source and transportation map:

FatTire12Fd52H_FracPond_20201124062021.pdf

Water source comments: a. This well will be drilled using a combination of water mud systems. It will be obtained from commercial water stations in the area and will be hauled to location by truck using existing and proposed roads. **New water well?** N

New Water Well Info

Well latitude: Well Longitude:

Well datum:

Well target aquifer:

Est. depth to top of aquifer(ft):

Est thickness of aquifer:

Aquifer comments:

Aquifer documentation:

Well depth (ft):

Well casing type:

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Well casing outside diameter (in.): Well casing inside diameter (in.):

New water well casing?

Used casing source:

Drilling method: Drill material:

Grout material: Grout depth:

Casing length (ft.): Casing top depth (ft.):

Well Production type: Completion Method:

Water well additional information:

State appropriation permit:

Additional information attachment:

Section 6 - Construction Materials

Using any construction materials: YES

Construction Materials description: a. All caliche for the drilling pad and proposed access road will be obtained from an existing BLM/State/Fee approved pit from prevailing deposits found on location. Will use BLM recommended caliche from other locations close by for roads, if available. b. The secondary way obtaining caliche to build locations and roads will be by turning over the location. Amount will vary for each pad. The procedure below has been approved by BLM personnel: i. The top 6 of topsoil is pushed off and stockpiled along the side of location ii. An approximate 370 X 305 area will be used within the proposed well site to remove caliche iii. Subsoil will be removed and piled alongside the 370 X 305 within the pad site iv. When caliche is found, material will be stockpiled within the pad site to build location and road v. Once the well is drilled, the stockpiled topsoil will be used for interim reclamation and spread along areas where caliche is picked up and the location size is reduced. Neither the caliche nor subsoil will be stockpiled outside of the well pad. Topsoil will be stockpiled along the eastern edge of the pad as depicted in our Site Plan

Construction Materials source location attachment:

Section 7 - Methods for Handling Waste

Waste type: DRILLING

Waste content description: Cuttings

Amount of waste: 1132 barrels

Waste disposal frequency: Daily

Safe containment description: : Cuttings are put into a roll-off bin and are disposed of an off-site facility (R360's state

approved (NM-01-0006) disposal site at Halfway, NM.

Safe containment attachment:

Waste disposal type: HAUL TO COMMERCIAL Disposal location ownership: PRIVATE

FACILITY

Disposal type description:

Disposal location description: Cuttings are put into a roll-off bin and are disposed of an off-site facility (R360's state approved (NM-01-0006) disposal site at Halfway, NM.

Reserve Pit

Reserve Pit being used? NO

Temporary disposal of produced water into reserve pit? NO

Reserve pit length (ft.) Reserve pit width (ft.)

Reserve pit depth (ft.)

Reserve pit volume (cu. yd.)

Is at least 50% of the reserve pit in cut?

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Permit to Drill PARTNERS LLC

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Reserve pit liner

Reserve pit liner specifications and installation description

Cuttings Area

Cuttings Area being used? NO

Are you storing cuttings on location? Y

Description of cuttings location Cuttings are put into a roll-off bin and are disposed of an off-site facility (R360's state

approved (NM-01-0006) disposal site at Halfway, NM.

Cuttings area length (ft.) Cuttings area width (ft.)

Cuttings area depth (ft.) Cuttings area volume (cu. yd.)

Is at least 50% of the cuttings area in cut?

WCuttings area liner

Cuttings area liner specifications and installation description

Section 8 - Ancillary Facilities

Are you requesting any Ancillary Facilities?: N

Ancillary Facilities attachment:

Comments:

Section 9 - Well Site Layout

Well Site Layout Diagram:

FatTire12Fd52H_SitePlan_20201124062402.pdf FatTire12Fd52H_RigSpecs_20201124062402.pdf FatTire12Fd52H_SpudderRig_20210226084815.pdf

Comments:

Section 10 - Plans for Surface Reclamation

Type of disturbance: New Surface Disturbance Multiple Well Pad Name: FAT TIRE 12 FEDERAL

Multiple Well Pad Number: 11H, 22H, 52H, 71H

Recontouring attachment:

FatTire12Fd52H_SitePlan_20210414101025.pdf

Drainage/Erosion control construction: Crowned and ditched.

Drainage/Erosion control reclamation: Harrowed on the contour.

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eived by OCD: 1/31/2022 10:34:09 AM Well Name: FAT TIRE 12 FEDERAL

Well Location: T17S / R30E / SEC 7 /

SWSW /

Well Number: 52H Type of Well: OIL WELL Allottee or Tribe Name:

County or Parish/State:

Page 14 of

Lease Number: NMLC028784C

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001548706

Well Status: Approved Application for

Permit to Drill

Operator: SPUR ENERGY

Well pad long term disturbance

PARTNERS LLC

Well pad proposed disturbance

(acres): 2.591

Road proposed disturbance (acres):

Well pad interim reclamation (acres): 0.7174

Pipeline interim reclamation (acres):

Other interim reclamation (acres):

(acres): 1.87

Powerline interim reclamation (acres): Powerline long term disturbance

(acres): 1.105

Road interim reclamation (acres): 0 Road long term disturbance (acres): 0

Powerline proposed disturbance

(acres): 1.105

Pipeline proposed disturbance

(acres): 4.362

Other proposed disturbance (acres):

8.451 Total proposed disturbance: 16.509

6.126

11.205400000000001

4.362

Pipeline long term disturbance

(acres): 0 Other long term disturbance (acres):

2.325

Total interim reclamation: Total long term disturbance:

5.300000000000001

Disturbance Comments:

Reconstruction method: a. After concluding drilling and/or completion operations, if the well is non-commercial, the caliche will be removed from the pad and transported to the original caliche pit or used for other drilling locations. The road will be reclaimed as directed by the BLM COAs. The original topsoil will again be returned to the pad and contoured, as close as possible to the original topography, and the area will be seeded with an approved BLM mixture to re-establish vegetation. Topsoil redistribution: b. If the well is deemed commercially productive, caliche from the areas of the pad site will not be required for operations will be reclaimed. The original topsoil will be returned to the area of the drill pad not necessary to operate the well. The unused areas of the drill pad will be re-contoured as close as possible to the original topography, and the area will be seeded with an approved BLM mixture to re-establish vegetation.

Soil treatment: None

Existing Vegetation at the well pad: N\A

Existing Vegetation at the well pad attachment:

Existing Vegetation Community at the road: N\A

Existing Vegetation Community at the road attachment:

Existing Vegetation Community at the pipeline: N\A

Existing Vegetation Community at the pipeline attachment:

Existing Vegetation Community at other disturbances: N\A

Existing Vegetation Community at other disturbances attachment:

Non native seed used? N

Non native seed description:

Seedling transplant description:

Will seedlings be transplanted for this project? N

Seedling transplant description attachment:

Will seed be harvested for use in site reclamation? N

Seed harvest description:

Seed harvest description attachment:

Page 13 of 22

eived by OCD: 1/31/2022 10:34:09 AM Well Name: FAT TIRE 12 FEDERAL Well Location: T17S / R30E / SEC 7 /

Page 15 of County or Parish/State:

SWSW /

Well Number: 52H Type of Well: OIL WELL Allottee or Tribe Name:

Lease Number: NMLC028784C

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001548706

Well Status: Approved Application for

Permit to Drill

Operator: SPUR ENERGY

PARTNERS LLC

Seed Management

Seed Table

Seed Summary

Total pounds/Acre:

Seed Type

Pounds/Acre

Seed reclamation attachment:

Operator Contact/Responsible Official Contact Info

First Name:

Last Name:

Phone:

Email:

Seedbed prep:

Seed BMP:

Seed method:

Existing invasive species? N

Existing invasive species treatment description:

Existing invasive species treatment attachment:

Weed treatment plan description: b. If the well is deemed commercially productive, caliche from the areas of the pad site will not be required for operations will be reclaimed. The original topsoil will be returned to the area of the drill pad not necessary to operate the well. The unused areas of the drill pad will be re-contoured as close as possible to the original topography, and the area will be seeded with an approved BLM mixture to re-establish vegetation.

Weed treatment plan attachment:

Monitoring plan description: b. If the well is deemed commercially productive, caliche from the areas of the pad site will not be required for operations will be reclaimed. The original topsoil will be returned to the area of the drill pad not necessary to operate the well. The unused areas of the drill pad will be re-contoured as close as possible to the original topography, and the area will be seeded with an approved BLM mixture to re-establish vegetation. Monitoring plan attachment:

Success standards: b. If the well is deemed commercially productive, caliche from the areas of the pad site will not be required for operations will be reclaimed. The original topsoil will be returned to the area of the drill pad not necessary to operate the well. The unused areas of the drill pad will be re-contoured as close as possible to the original topography, and the area will be seeded with an approved BLM mixture to re-establish vegetation.

Pit closure description: No pit

Pit closure attachment:

Section 11 - Surface Ownership

Disturbance type: WELL PAD

Describe:

Surface Owner: BUREAU OF LAND MANAGEMENT

Other surface owner description:

BIA Local Office:

eived by OCD: 1/31/2022 10:34:09 AM Well Name: FAT TIRE 12 FEDERAL County or Parish/State: Well Location: T17S / R30E / SEC 7 / SWSW / Well Number: 52H Type of Well: OIL WELL Allottee or Tribe Name: Lease Number: NMLC028784C **Unit or CA Name: Unit or CA Number: US Well Number: 3001548706** Well Status: Approved Application for **Operator: SPUR ENERGY** PARTNERS LLC Permit to Drill **BOR Local Office: COE Local Office:**

DOD Local Office:

NPS Local Office:

Military Local Office: USFWS Local Office:

Other Local Office:

USFS Region:

State Local Office:

USFS Forest/Grassland: USFS Ranger District:

Disturbance type: OTHER

Describe: Powerline

Surface Owner: BUREAU OF LAND MANAGEMENT

Other surface owner description:

BIA Local Office:

BOR Local Office:
COE Local Office:

DOD Local Office:

NPS Local Office:

State Local Office:

Military Local Office:

USFWS Local Office:

Other Local Office:

USFS Region:

USFS Forest/Grassland:

USFS Ranger District:

Disturbance type: PIPELINE

Describe:

Surface Owner: BUREAU OF LAND MANAGEMENT

Other surface owner description:

BIA Local Office:

Veceived by OCD: 1/31/2022 10:34:09 AM
Well Name: FAT TIRE 12 FEDERAL Well Location: T17S / R30E / SEC 7 / County or Parish/State:

SWSW /

Well Number: 52H Type of Well: OIL WELL Allottee or Tribe Name:

Lease Number: NMLC028784C Unit or CA Name: Unit or CA Number:

US Well Number: 3001548706 Well Status: Approved Application for Operator: SPUR ENERGY

Permit to Drill PARTNERS LLC

BOR Local Office:

COE Local Office:

DOD Local Office:

NPS Local Office:

State Local Office:
Military Local Office:

USFWS Local Office:

Other Local Office:

USFS Region:

USFS Forest/Grassland: USFS Ranger District:

Disturbance type: EXISTING ACCESS ROAD

Describe:

Surface Owner: BUREAU OF LAND MANAGEMENT

Other surface owner description:

BIA Local Office:

BOR Local Office:

COE Local Office:

DOD Local Office:

NPS Local Office:

State Local Office:

Military Local Office:

USFWS Local Office:

Other Local Office:

USFS Region:

USFS Forest/Grassland: USFS Ranger District:

Section 12 - Other Information

Right of Way needed? Y

Use APD as ROW? Y

 $\textbf{ROW Type(s):}\ 281001\ \mathsf{ROW-ROADS}, 285003\ \mathsf{ROW-POWER\ TRANS}, 288100\ \mathsf{ROW-O\&G\ Pipeline}, 288101\ \mathsf{ROW-O\&G\ Pipelin$

Facility Sites, 289001 ROW- O&G Well Pad

ROW Applications

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eceived by OCD: 1/31/2022 10:34:09 AM Well Name: FAT TIRE 12 FEDERAL

Well Location: T17S / R30E / SEC 7 /

SWSW /

Well Number: 52H

Type of Well: OIL WELL

Allottee or Tribe Name:

County or Parish/State:

Lease Number: NMLC028784C

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001548706

Well Status: Approved Application for

Permit to Drill

Operator: SPUR ENERGY

PARTNERS LLC

SUPO Additional Information: All surface is owned by the BLM (Page 11 of SUPO).

Use a previously conducted onsite? Y

Previous Onsite information: October 22, 2020

Other SUPO Attachment

FatTire12Fd52H_GasCapPlan_20201124063014.pdf FatTire12Fd52H_LVM_20201124063014.pdf FatTire12Fd52H_SUPOUpdate_20210226011903.pdf

PWD

Section 1 - General

Would you like to address long-term produced water disposal? NO

Section 2 - Lined Pits

Would you like to utilize Lined Pit PWD options? N

Produced Water Disposal (PWD) Location:

PWD surface owner:

PWD disturbance (acres):

Lined pit PWD on or off channel:

Lined pit PWD discharge volume (bbl/day):

Lined pit specifications:

Pit liner description:

Pit liner manufacturers information:

Precipitated solids disposal:

Decribe precipitated solids disposal:

Precipitated solids disposal permit:

Lined pit precipitated solids disposal schedule:

Lined pit precipitated solids disposal schedule attachment:

ceived by OCD: 1/31/2022 10:34:09 AM
Well Name: FAT TIRE 12 FEDERAL Well Location: T17S / R30E / SEC 7 / County or Parish/State:

SWSW /

Well Number: 52H Type of Well: OIL WELL Allottee or Tribe Name:

Lease Number: NMLC028784C Unit or CA Name: Unit or CA Number:

US Well Number: 3001548706 Well Status: Approved Application for Operator: SPUR ENERGY

Permit to Drill PARTNERS LLC

Lined pit reclamation description:

Lined pit reclamation attachment:

Leak detection system description:

Leak detection system attachment:

Lined pit Monitor description:

Lined pit Monitor attachment:

Lined pit: do you have a reclamation bond for the pit?

Is the reclamation bond a rider under the BLM bond?

Lined pit bond number:

Lined pit bond amount:

Additional bond information attachment:

Section 3 - Unlined Pits

Would you like to utilize Unlined Pit PWD options? N

Produced Water Disposal (PWD) Location:

PWD disturbance (acres): PWD surface owner:

Unlined pit PWD on or off channel:

Unlined pit PWD discharge volume (bbl/day):

Unlined pit specifications:

Precipitated solids disposal:

Decribe precipitated solids disposal:

Precipitated solids disposal permit:

Unlined pit precipitated solids disposal schedule:

Unlined pit precipitated solids disposal schedule attachment:

Unlined pit reclamation description:

Unlined pit reclamation attachment:

Unlined pit Monitor description:

Unlined pit Monitor attachment:

Do you propose to put the produced water to beneficial use?

Beneficial use user confirmation:

Estimated depth of the shallowest aquifer (feet):

Does the produced water have an annual average Total Dissolved Solids (TDS) concentration equal to or less than that of the existing water to be protected?

TDS lab results:

Geologic and hydrologic evidence:

State authorization:

Unlined Produced Water Pit Estimated percolation:

recived by OCD: 1/31/2022 10:34:09 AM Well Name: FAT TIRE 12 FEDERAL Well Location: T17S / R30E / SEC 7 / County or Parish/State:

SWSW /

Well Number: 52H Type of Well: OIL WELL Allottee or Tribe Name:

Lease Number: NMLC028784C Unit or CA Name: Unit or CA Number:

US Well Number: 3001548706 Well Status: Approved Application for Operator: SPUR ENERGY

Permit to Drill PARTNERS LLC

Unlined pit: do you have a reclamation bond for the pit?

Is the reclamation bond a rider under the BLM bond?

Unlined pit bond number:

Unlined pit bond amount:

Additional bond information attachment:

Section 4 - Injection

Would you like to utilize Injection PWD options? N

Produced Water Disposal (PWD) Location:

PWD surface owner: PWD disturbance (acres):

Injection PWD discharge volume (bbl/day):

Injection well mineral owner:

Injection well type:

Injection well number: Injection well name:

Assigned injection well API number? Injection well API number:

Injection well new surface disturbance (acres):

Minerals protection information:

Mineral protection attachment:

Underground Injection Control (UIC) Permit?

UIC Permit attachment:

Section 5 - Surface Discharge

Would you like to utilize Surface Discharge PWD options? ${\sf N}$

Produced Water Disposal (PWD) Location:

PWD surface owner: PWD disturbance (acres):

Surface discharge PWD discharge volume (bbl/day):

Surface Discharge NPDES Permit?

Surface Discharge NPDES Permit attachment:

Surface Discharge site facilities information:

Surface discharge site facilities map:

Section 6 - Other

Would you like to utilize Other PWD options? ${\sf N}$

Produced Water Disposal (PWD) Location:

PWD surface owner: PWD disturbance (acres):

Other PWD discharge volume (bbl/day):

Other PWD type description:

Other PWD type attachment:

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Veceived by OCD: 1/31/2022 10:34:09 AM Well Name: FAT TIRE 12 FEDERAL Well Location: T17S / R30E / SEC 7 / County or Parish/State:

SWSW /

Well Number: 52H Type of Well: OIL WELL Allottee or Tribe Name:

Lease Number: NMLC028784C Unit or CA Name: Unit or CA Number:

US Well Number: 3001548706 Well Status: Approved Application for Operator: SPUR ENERGY

Permit to Drill PARTNERS LLC

Signed on: 12/27/2021

Have other regulatory requirements been met?

Other regulatory requirements attachment:

Operator Certification

Operator Certification

NAME:

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

Title:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		
Field Representative		
Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

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Well Name: FAT TIRE 12 FEDERAL Well Location: T17S / R30E / SEC 7 / County or Parish/State:

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Well Number: 52H Type of Well: OIL WELL Allottee or Tribe Name:

Lease Number: NMLC028784C Unit or CA Name: Unit or CA Number:

US Well Number: 3001548706 Well Status: Approved Application for Operator: SPUR ENERGY

Permit to Drill PARTNERS LLC

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NOI Attachments

Procedure Description

 $Fat Tire 12Fd 52H_Amend C_102_20211227123051.pdf$

FatTire12Fd52H_AmendDirectPlot_20211227123051.pdf

FatTire12Fd52H_AmendDirectPlan_20211227123051.pdf

FatTire12Fd52H_Amend_Drill_Plan_20211227123051.pdf

Conditions of Approval

Additional Reviews

Fat_Tire_12_Federal_52H_COA_20220128212840.pdf

Fat_Tire_12_Federal_52H_20220128212759.pdf

Operator Certification

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: SARAH CHAPMAN Signed on: DEC 27, 2021 12:30 PM

Name: SPUR ENERGY PARTNERS LLC

Title: Regulatory Directory

Street Address: 9655 KATY FREEWAY, SUITE 500

City: Houston State: TX

Phone: (832) 930-8613

Email address: SCHAPMAN@SPUREPLLC.COM

Field Representative

Representative Name:

Street Address:

City: State:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: Cody Layton BLM POC Title: Assistant Field Manager Lands & Minerals

BLM POC Phone: 5752345959 BLM POC Email Address: clayton@blm.gov

Disposition: Approved **Disposition Date:** 01/31/2022

Signature: Cody R. Layton

Zip:

well Name: FAT TIRE 12 FEDERAL Well Location: T17S / R30E / SEC 7 /

SWSW /

County or Parish/State:

Well Number: 52H Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMLC028784C

Unit or CA Name:

Well Status: Approved Application for

Unit or CA Number:

US Well Number: 3001548706

Operator: SPUR ENERGY

Permit to Drill

PARTNERS LLC

District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 District III 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

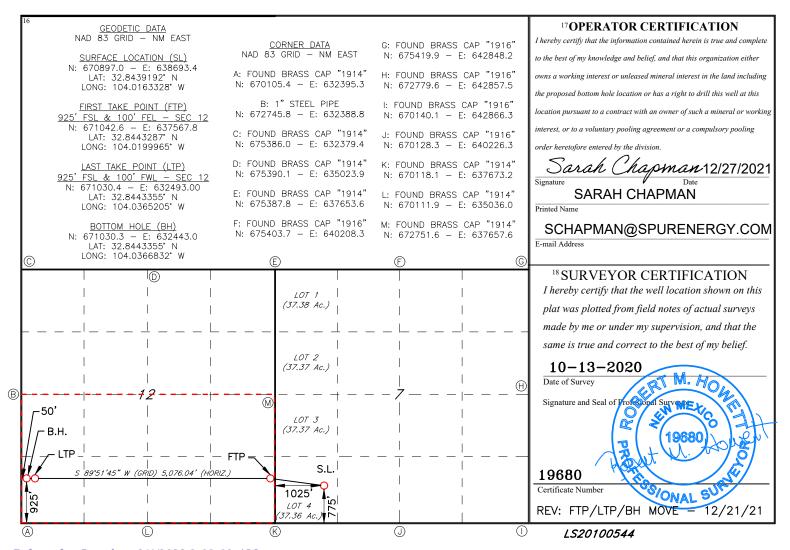
Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

	•	VLLL LOCATION AND	ACKLAGE DEDIC	AHONILA	L							
1 AP	PI Number	² Pool Code		³ Pool Nam	e							
30-01	5-48706	96610	EMPIRE	; GLORIETA-`	YESO, EAST	•						
4Property Code		5 Pro			6 Well Number							
331167		FAT TIRE	12 FEDERAL			52H						
⁷ OGRID NO.		8 Op	erator Name			⁹ Elevation						
328947	7	SPUR ENERGY	Y PARTNERS LLC	•		3659'						
	¹⁰ Surface Location											
III on let no	Castian Tarronshin	Danca Lat Idu East from	Foot/West line	Country								

Surface Document												
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County			
4	7	17S	30E		775	SOUTH	1025	WEST	EDDY			
11 Bottom Hole Location If Different From Surface												
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County			
M	12	17S	29E		925	SOUTH	50	WEST	EDDY			
12 Dedicated Acres	13 Joint	or Infill	4 Consolidation	Code 15	Order No.							
320												

No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.



District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410

Phone:(505) 334-6178 Fax:(505) 334-6170 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

CONDITIONS

Action 76831

CONDITIONS

Operator:	OGRID:		
Spur Energy Partners LLC	328947		
9655 Katy Freeway	Action Number:		
Houston, TX 77024	76831		
	Action Type:		
	[C-103] NOI Change of Plans (C-103A)		

CONDITIONS

Created By		Condition Date
kpickford	The pool name was corrected on C-102. Subsequent sundries must reflect the correct pool.	
kpickford	Adhere to previous NMOCD conditions of approval.	2/4/2022